LPC# 0310965121 Cook County
Williams Pipeline Company - Franklin Park
ILD 000673053

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#### SITE REASSESSMENT

for:

# WILLIAMS PIPELINE COMPANY FRANKLIN PARK, ILLINOIS

ILD 000673053

# PREPARED BY: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY BUREAU OF LAND REMEDIAL PROJECT MANAGEMENT SECTION OFFICE OF SITE EVALUATION

September 1, 2020

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#### 1.0 Introduction

On March 20, 2019, the Illinois Environmental Protection Agency's (IEPA) Office of Site Evaluation (OSE) was tasked by the Region V Offices of United States Environmental Protection Agency (U.S. EPA) to conduct a Site Reassessment without sampling at the former Williams Pipeline Company (ILD000673053), a refined petroleum storage facility and distribution terminal. The location of the former terminal is in the northwest portion of the Village of Franklin Park, Illinois in Cook County (Figure 1), approximately one quarter mile west of the intersection of Franklin Avenue and Mannheim Road (Figure 2).

The current owner of the property is Bridge Franklin Park (Bridge Development Partners, LLC). Bridge Franklin Park has owned the property since 2017, having purchased it from the former owner Magellan Pipeline Company. All storage tanks, piping, and structures were removed by Bridge Franklin Park after taking possession. Williams Pipeline Company had owned the property since 1966. In September 2003 Magellan Midstream Partners, LP submitted a RCRA Subtitle C Site Identification Form as notification of a company name change. The name was changed from Williams Pipeline Company to Magellan Pipeline Company, LLC. Company ownership remained the same. For this reassessment the company will remain being referred to as Williams.

U.S. EPA authorized a Site Reassessment to be conducted in order to determine the current status of the 48.0 acre site. The Site Reassessment addresses former petroleum product storage areas, the truck loading area, spill and/or leak areas, run-off routes, and potential human health and environmental concerns. This Site Reassessment will also consist of an evaluation of recent information to determine if further Superfund investigation is warranted. The reassessment will

supplement previous assessment work, and is not intended to replace previous CERCLA assessments.

The Site Reassessment is designed to provide necessary information that will help determine if the site qualifies for possible inclusion on the National Priorities List, or should receive a No Further Remedial Action Planned (NFRAP) designation. At the end of the reassessment process the author will recommend that the site may be given a NFRAP designation, receive further Superfund investigation, or be referred to another state or federal clean-up program. The Site Reassessment is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

Williams Pipeline Company was placed on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), now known as Superfund Enterprise Management System (SEMS) in February 1990. The IEPA has conducted a number of investigations at and around the terminal from 1983 through 2017. The site was originally investigated on May 27, 1974 due to citizens' complaints regarding an oily sheen and odors in Bensenville Ditch, also known as Silver Creek (in this report it will be indicated as Silver Creek), immediately adjacent to the Williams property. Franklin Park Police responding to the complaint found a Williams employee draining water and gasoline from a storage tank containment area. The complainants also voiced concerns that past activities at the facility may have resulted in contamination of soil, sediment, surface water, and groundwater on site and within the immediate area surrounding the terminal. No other complaints are known to have been referred to the IEPA or the Cook County Health Department regarding the facility. IEPA began investigating the facility in February 1983 to aid in the IEPA Permit Sections' review of the

facility for renewal of their NPDES Permit. IEPA also conducted a Preliminary Assessment (PA) of Williams on April 4, 1986 due to the historic nature of tank farm tank cleaning procedures and potential for soil, water, and air contamination, in addition to potential uncontrolled run-off from the facility. In 1987 U.S. EPA's contracted Field Inspection Team (FIT), Ecology and Environment (E & E), conducted a Site Inspection based on the PA's recommendation to further investigate the facility to gain necessary additional information in order to completely evaluate the facility and surrounding area. The SI also evaluated a November 6, 1986 release of gasoline near AST 272. Additional investigations were conducted at the property in 1996 and 1999 due to fuel releases reported from aboveground storage tank (AST) 272 and related recovery sump. Another investigation was conducted in 2004 due to a suspected leak of an inactive eight inch diameter isolated segment of an underground former gasoline return transfer line from AST 723 to the loading racks manifold. Work was subsequently conducted on site under IEPA's Site Remediation Program (SRP) resulting in issuance of a Comprehensive No Further Action Required (NFR) letter, issued June 17, 2019.

This Site Reassessment report will describe current site conditions and illustrate how or if the site has changed since the previous inspections. This report will contain a review of existing information to determine site history, current site conditions, and evaluate analytical data that may exist on the site. The Site Reassessment will also support emergency response or time-critical removal activities if it is determined that they are warranted.

#### 2.0 Site Description and History

#### 2.1 Site Description

The former Williams Pipeline Company was located in the suburban Chicago Village of Franklin Park, Illinois west of the intersection of Franklin Avenue and Mannheim Road in the northwest portion of the community. The former pipeline company is approximately 6700 feet (1.27 miles) directly west of the Franklin Park Village Hall. The site is situated in the south ½ of the southeast ¼ of Section 20, Township 40 North, Range 12 East, of the Third Principal Meridian in Cook County. Specifically, the property can be found at latitude 41.55300, longitude -87.50150 in Leyden Township, Cook County. This property is located within the Corporate Limits of the Village of Franklin Park.

The Williams Pipeline Company petroleum storage facility and transfer station no longer exists on the property. The property was sold in 2017. The current owner has, since purchase, remediated the property and constructed three large warehouse structures containing office space, industrial/storage space, and multiple tractor trailer docks (Figures 3 and 4). Also reference Section 3.0, Other Cleanup Activities, as well as Appendix D and Appendix F for further remedial information. The property is bounded on the north by Franklin Avenue, across which is the Canadian Pacific Railroad Intermodal Terminal – Bensenville Yard; on the east by two businesses, Reebie Storage and Moving warehouse on the north half of the east boundary, and Life Fitness (exercise equipment) on the south half; on the south by Belmont Avenue, across which are two (2) stand-alone structures associated with Life Fitness; and on the west by Silver Creek, an intermittent creek which trends north and south with a drainage flow to the south. Beyond the creek to the west is Midwest Can Company and Container Specialties, Inc, a

manufacturer and warehouse facility. In addition, residential neighborhoods are present to the southwest of the southwest property boundary, south, southeast, east, and northeast of the property. The nearest residence is approximately 120 feet southwest of the former Williams property line (Figure 3). Most of the residences near the facility have been present for over 75 years (Appendix A, 4-Mile Radius Map).

The facility property is located in the near west Chicago suburb of Franklin Park approximately 20 miles west of Lake Michigan where surficial terrain is fairly flat due to the area being underlain by lacustrine lake bottom sand and sediments of ancient Lake Chicago. Some areas near the facility location exhibit slightly rolling terrain due to various types of glacial action and deposition. The facility property is flat throughout with a slight slope toward the west, the drainage ditch at the western property perimeter being the only alteration in elevation. When the property was occupied by Williams Pipeline Company the majority of the facility surface was grass covered with concrete, asphalt, and gravel used for driveways, loading pads, and pathways for accessing storage tanks and tank containment berms (Figure 3 and 4). Currently, with the three Bridge Franklin Park warehouses and two retention ponds being built on the property, the ground surface is covered mainly by concrete foundation and flooring in the warehouses, concrete for semi-trailer truck dock areas, and asphalt for employee parking areas. Grass cover surrounds the retention ponds and remains established along the area adjacent to Silver Creek at the west property boundary. Along with grass cover, semi-mature to mature trees are growing from within the banks of Silver Creek.

As a petroleum pipeline storage and transfer company the facility consisted of two (2) primary structures, the office and the tank truck loading rack, two (2) small storage buildings, a fuel vapor flare stack, a rail line tank car loading area, and fifteen (15) aboveground petroleum

storage tanks: one -2,500 barrel (bbl.), two -74,000 bbl., four -52,000 bbl., and eight -25,000 bbl. Tanks are between 75 feet and 120 feet in diameter.

Land surface elevation along the east side of the property is 651 feet above mean sea level (MSL) and 642 feet above MSL along the west side of the property. Due to the nature of the former facility's ground surface being predominantly grass and soil much of the moisture through rain and snow generally percolated into the soil, any moisture contacting gravel and concrete would pool or flow into area drainage grates and enter the facility's sewer system. Moisture which did not percolate into the soil, evaporate, or enter the sewer system would flow toward the west due to the facility's slight slope in that direction. Surface run-off flowed toward the west side of the property and into Silver Creek. Silver Creek is not registered in the Illinois Department of Natural Resources (IDNR) Division of fisheries as a fishery, but does contain minnows and other aquatic life. Silver Creek at the property perimeter is classified as a riverine, intermittent, streambed, seasonally flooded (R4SBC), by the U.S. Department of the Interior, River Forest, Illinois, National Wetlands Inventory Map (Figure 5). The creek then flows south and southeast 5.16 miles where it enters the Des Plaines River. According to the River Forest National Wetlands Inventory Map, at the confluence of Silver Creek and the Des Plaines River, the Des Plaines is classified as a riverine, lower perennial, unconsolidated bottom, permanently flooded water body (R2UBH). The Des Plaines River flows approximately 20 miles to the Illinois River (Appendix B, 15-Mile In-Water Segment Map). The River Forest, Illinois, National Wetlands Inventory Map also indicates that the closest off-site wetland to the former pipeline terminal is a palustrine, forested, broad-leaved deciduous, temporarily flooded (POF1A) area located 2310 feet (0.44 miles) downstream of the confluence of Silver Creek and the Des

Plaines River. The wetland has a total measured perimeter distance of 1,293 feet (0.24 miles) and is 2.25 acres in size.

The former petroleum terminal property could only be accessed by vehicle or pedestrian traffic at the main gate location off of Franklin Avenue. The entire property was surrounded by eight foot tall chain-link fence topped with multiple strands of barbed wire. The access gate was also chain-link and barbed wire on a roller system for opening and closing.

#### 2.2 Operational History

The property on which the former Williams Pipeline Company was located was unimproved until 1900 when one building was constructed. Between 1900 and 1928, the property was improved with railroad tracks and two additional buildings. The property became established as a tank farm and common carrier for refined petroleum between 1928 and 1931. Williams Pipeline Company purchased the terminal from Great Lakes Pipeline Company in 1966. At this writing it is believed that Great Lakes was the original owner of the property and terminal. Williams was sold to Magellan Midstream Partners, LP (property known as Magellan Pipeline Company) in September 2003. Magellan operated until September 2016, at which time operations were shut down. The tanks and piping were emptied at this time. Bridge Franklin Park then purchased the Magellan property in 2017.

As a petroleum terminal, refined petroleum products such as leaded gasoline, unleaded gasoline, #1 fuel oil, and #2 fuel oil were transferred from off-site to the terminal via a 12 inch fuel pipeline to the facilities Tank Distribution Manifold where they were then pumped to one of fifteen (15) above ground storage tanks. The products were transferred to tank trucks at the facility's tank truck loading rack and to rail tank cars at the rail tank car loading rack. When

loaded the trucks distributed the products to area businesses. Rail cars distributed products to further destinations. During fuel loading into trucks and rail cars, displacement vapors are produced. Instead of allowing the raw vapors to vent into the atmosphere they were collected at the truck and rail car fill ports, vented to a flare stack, and incinerated. Any spill occurring in this area or waste from releases on-site were drained into the company sewer and recovery system which drained to one of two oil-water gravity separators. The separator then discharged wastewater to Silver Creek via one of two NPDES permitted outfalls at the northwest corner of the facility. Recaptured fuel was blended back into appropriate storage tanks. All storage tanks were surrounded by earthen containment dikes/berms. Each containment area was provided with manually operated valves which allowed draining of accumulated water or spilled/leaked fuel to the sewer and recovery system. As part of the facility's operations, approximately every ten (10) years on a rotating basis, all storage tanks were cleaned. When the tanks were cleaned approximately ¼ inch to three (3) inches of leaded sludge was removed. Between the years 1935 and 1978 leaded tank bottom sludge was allegedly pumped into unlined excavated trenches within each storage tanks containment area and covered with backfill. After 1978 tank bottom sludge was transferred to holding tanks until off-site disposal was arranged. On June 5, 1981 Williams Pipeline Company submitted (filed), to the IEPA, a 103(c) notification for the disposal of leaded tank bottoms.

#### 2.3 CERCLA Investigative History

Inspections conducted by IEPA and U.S. EPA's FIT contractors from 1983 through 2017 have taken place for NPDES permit renewals, site inspections, and compliance purposes. Past inspections had indicated soil surfaces on and off-site and in and along the creek areas appeared

visually satisfactory. Regulatory activities in the past have included a violation of the NPDES permit, and various fuel and fuel oil spills which were subsequently remediated, and six (6) recorded RCRA Subtitle C Site Identification Form notifications of regulated waste activity. These were submitted due to the small quantity generation of maintenance derived waste. There were no off-site releases resulting from spills/leaks. On April 4, 1986 the IEPA initiated a Preliminary Assessment of the Williams Pipeline Company. The PA was conducted due to various citizen complaints of sheens and odors on and around Silver Creek in previous years, and due to the historic nature of tank farm petroleum tank cleaning procedures resulting in tank bottom waste being buried on-site with the potential result of environmental contamination. On September 22, 1987 U.S. EPA's contracted Field Inspection Team (FIT), Ecology and Environment (E & E), conducted a Site Inspection at the facility. On July 30, 1998 a site reconnaissance was conducted by the IEPA Site Assessment Unit. No field investigation was conducted following this reconnaissance. The property was subsequently addressed further through IEPA's SRP (see Section 3.0 OCA of this report). In addition, in accordance with the CERCLA petroleum exclusion, CERCLA excludes petroleum from the definitions of hazardous substance and pollutant or contaminant.

#### 3.0 Other Cleanup Authority Activities

#### 3.1 Past Activities

Besides CERCLA investigations, the Williams Pipeline Company facility, when it was occupying the property, was enrolled in the IEPA's Site Remediation Program (SRP) for BTEX and PNA on-site soil and groundwater contamination related to an unleaded gasoline release in 1986, and releases in 1996 and 1999. The facility was enrolled on September 10, 2004. The responses, investigations, and remediation at the property in 1986, 1996 and 1999 due to fuel releases reported from aboveground storage tank (AST) 272 and related recovery sump was conducted by environmental consulting firms contracted by the pipeline company (see Appendix A). Another investigation was conducted in 2004 due to a suspected leak of an inactive eight inch diameter isolated segment of an underground former gasoline return transfer line from AST 723 to the loading racks manifold (see Appendix A). Further responses, investigations, and remediations were conducted by environmental consulting firms contracted by the pipeline company from 2004 through 2017 due to various product releases on-site. These other releases at the facility occurred on September 24, 2006 (unleaded gasoline leak from a block valve), in February 2008 (potential contact water from AST 654 pipe flange), and on August 2, 2014 (release of diesel fuel from AST 715) (see Appendix A).

Due to the prohibitive costs to receive the intended No Further Action Required (NFR)

Letter, Williams Pipeline Company, through their consultant Environmental Strategies

Consulting, LLC, submitted a Notice to Withdraw letter to the IEPA to remove themselves

from the SRP process on June 17, 2005. The letter also indicates that the company will

continue voluntary groundwater monitoring of select monitoring wells on an annual basis in

accordance with its corporate monitoring program. After the property was sold in July 2017, the subject property was again enrolled in the IEPA SRP on July 16, 2017, with Bridge Development Partners, LLC being the Remediation Applicant (RA). Please see Appendix D - Remediation Action Completion Report (RACR), February 1, 2019, for a sequence of remediation site activities and results. Document submitted by Williams/Magellan Pipeline Company's contractor Environmental Services Group Limited (EGSL). See Appendix E – IEPA Site Remediation Program Summary, March 29, 2019 for summary of activities. See Appendix F – Supplement to the February 1, 2019 RACR document, submitted by EGSL on May 22, 2019. See Appendix G – IEPA approved Comprehensive No Further Action Required (NFR) letter, issued June 17, 2019.

#### 3.2 Current Status

This 2020 CERCLA Site Reassessment (SR) completed by the IEPA's Office of Site Evaluation was conducted to determine if site conditions changed, and /or if any contaminants found during previous investigations remain on the property and if so, is the contamination at concentrations requiring further action. The SR investigation has found that site conditions have changed. The pipeline company is no longer occupying the property. All structures (buildings and storage tanks) have been razed, all under-ground and above-ground piping has been removed, and all concrete paving, asphalt paving, and gravel surfaces have been removed. All surface terrain associated with Williams has been altered by regrading by the current owner in preparation for the construction of the three slab-on-grade warehouses, associated parking facilities, and landscaping now occupying the property (Figures 6 through 10). Contaminated areas remaining on the property once the pipeline facility was dismantled were addressed by the

new owners, Bridge Development Partners, LLC, through their contractor Environmental Services Group Limited, as discussed above. Also see Appendix D and Appendix F for detailed remedial descriptions.

#### 4.0 Source Discussion and Pathway Analysis

#### 4.1 Source Summary – Contaminated Soil on the former Williams Pipeline Company Property

During the previous inspections conducted by IEPA, U.S.EPA contractors, and pipeline company contractors, samples of the various media were collected due to historic and current gasoline, fuel oil, and gasoline/fuel oil/water mixed spills/leaks. Records of occurrences date from 1974 to 2017. Information associated with each release is noted in text, laboratory analytical data, and figures in contractor reports within the Appendices of this report. Throughout the time period that Williams and subsequent owners occupied the property numerous soil and groundwater samples have been collected from locations surrounding each release area, in the overland drainage route leading to Silver Creek, and within the creek sediment if the release reached the creek. Included in the contractor reports attached as Appendices of this report are laboratory analysis of the samples and discussions of results of the analysis. Many of the samples revealed BTEX and PNA compounds that exceeded at least three times background concentrations in soil samples and various groundwater samples, as well as exceeding various TACO limits. The extent of soil/sediment contamination can be determined using numerous sample points collected over the course of property occupation by the pipeline companies. The drainage route of Silver Creek is classified by the U.S. Department of the Interior, River Forest, Illinois, National Wetlands Inventory Map as a 5.16 mile long intermittent stream. Soil samples were collected from the upper six inches of material to approximately five (5) feet bgs. in and near release locations and in the upper six inches in drainage ways. Samples within drainage ways were collected to determine if any contaminant had migrated to an overland flow route and entered Silver Creek and to determine if there was any contaminant that

may be attributable to the former activities and operations at the pipeline company. Also within the contractor reports are waste disposal manifests indicating amount and disposal destination of contaminated soil excavated from the former Williams property. Soil was excavated in conjunction with the removal of all above-ground and below-ground piping, dismantling and removal of all storage tanks, and dismantling and removal of all buildings and structures on the property. All contaminated soil was transported by Sunset Logistics, LLC trucking of Crystal Lake, Illinois and disposed at Winnebago Landfill Co., Rockford, Illinois. Between October 19, 2017 and November 16, 2017, 13,049.23 tons of contaminated soil was removed from the site and disposed.

#### 4.2 Groundwater

According to the Illinois State Geological Survey (ISGS) and the Illinois State Water Survey (ISWS) geology beneath the site consists of unconsolidated glacial drift deposits (clay, silt, and some sand) of the Carmi Member (approximately 25 feet thick) of the Equality Formation which, in the Chicago area, varies in thickness from approximately 50 feet to 150 feet. Beneath the surficial glacial deposits, and hydrologically connected, is the uniform, relatively impermeable Lake Plain glacial and lacustrine deposits consisting primarily of clayey and silty tills of the Wadsworth Member of the Wedron Formation. This formation is approximately 50 feet thick beneath the property and encountered at approximately 25-35 feet bgs. Beneath the Wedron Formation is the Silurian age carbonate upper bedrock formation consisting principally of beds of limestone, and dolomite which dip west-southwesterly at approximately 1.75 feet per mile. Bedrock below the property is contacted at approximately 95 – 105 feet bgs. The bedrock stratigraphy in the vicinity of the property is composed of a thick sequence of Paleozoic

sedimentary rock that generally consists of carbonate rocks of Silurian age in the shallower sequences.

The regional near-surface hydrostratigraphic units are present in two aquifers: a shallow aquifer in more permeable soil present in the glacial drift, and the deep aquifer in the underlying limestone and dolomite bedrock formations.

Municipal drinking water for the Village of Franklin Park is obtained from Lake Michigan via supply lines from the City of Chicago. All municipal water supply wells previously used by Franklin Park have been removed from service or sealed. The Village adopted a groundwater use ordinance prohibiting the use of groundwater as a potable water source and supply on November 9, 1998.

ISGS and ISWS well logs indicate that there are twenty (20) water wells (monitor wells, industrial use water wells, or private water wells) located within a 1.0 mile radius of the former Williams property. Well logs from within this distance indicate that limestone/dolomite bedrock was encountered at depths ranging from 75 to 105 feet bgs., east to west. Of these twenty (20) wells, one (1) is located to the west, five (5) to the southwest, south and southeast, one (1) to the east, nine (9) to the northwest and north, and four (4) to the northeast. Nine (9) of the twenty (20) wells are located within a 0.5 mile radius of the former Williams property. Eight (8) wells are located hydraulically upgradient to the northwest, north, and northeast, and one (1) well is located cross-gradient directly east of the property at Precise Casting Company. This well was installed in 1961 to a depth of 287 feet bgs. into limestone/dolomite bedrock. This well does not appear to be a potential receptor due to its cross-gradient location, age and completion in bedrock. The five (5) wells located southwest, south, and southeast, within the 1.0 mile radius of the property are located hydraulically downgradient. Depths of the wells range from 52 to 134

feet bgs. These wells were installed in unconsolidated glacial drift or bedrock between 1939 to 1945. The nearest downgradient well to the property is located approximately 2,050 feet to the southwest. It is unknown whether any of these twenty (20) wells were sampled by the mentioned contractors. There are no known active drinking water wells located within a 4.0 mile radius of the property.

Shallow groundwater at the property is generally identified between five (5) and ten (10) feet bgs. The potential risk of the hydrocarbons remaining in shallow groundwater to potential groundwater receptors is negligible due to the depth of the wells, the distance to the potential receptors, and the groundwater use ordinance prohibiting the use of groundwater as a potable water supply in Franklin Park. Due to the tight glacial till site soils the area of affected groundwater is contained on-site and there will be no direct exposure to groundwater through routine activities by facility personnel or nearby residents. Therefore, the groundwater ingestion route is incomplete and is not evaluated further.

According to the ISWS, one private groundwater well may exist within 1-mile of the former pipeline company. This groundwater well is approximately 2,050 feet (0.38 miles) southwest of the property in a residential neighborhood. Depth of the well is 104 feet deep, installed in December 1944. ISWS well logs indicate that within a four-mile radius of the former pipeline property there are approximately 230 water wells on record. These records indicate most private wells were drilled to and finished from 80 to 350 feet in depth. Some wells utilize(d) the shallow sand and gravel strata of the aquifer and others utilize(d) the deeper limestone bedrock formation. There are no known non-community public drinking water wells (restaurants, parks, gas stations, etc.) being utilized within the 4-mile radius of the facility.

#### 4.3 Surface Water

As mentioned previously, surface water drainage from the property is either collected into the property's stormwater system or flows toward the west side of the property where run-off enters Silver Creek, immediately adjacent to the property. Run-off then flows south and southeast within the intermittent creek, through residential areas generally skirting backyards, and through commercial areas. At various locations the creek is channeled below ground beneath streets and a few buildings and parking lots throughout the course of its route. The creek flows 5.16 miles southeast from the property to the confluence with the Des Plaines River. Because Silver Creek is designated as an intermittent stream by the National Wetlands Inventory, and the creeks distance of flow to a perennial stream is beyond 2.0 miles, there is no designated Probable Point of Entry (PPE) to surface water from the site. As noted in Section 2.1 of this report, Silver Creek is not registered in the IDNR Division of fisheries as a fishery, but does contain minnows and other aquatic life. The Des Plaines River is registered as a fishery.

Silver Creek was always visually inspected for the presence of petroleum products following each release and during subsequent site investigations. No petroleum product oily sheen or discoloration was observed during any of the investigations, or during any previous or subsequent daily inspections of the creek conducted by pipeline personnel. In addition, no petroleum compounds have been detected in monitoring wells that border the east side of Silver Creek along the western property boundary. As designated by the Federal Emergency Management Agency - Flood Insurance Rate Maps for Cook County, Village of Franklin Park, Map Number 17031C Panel 0359J and Panel 0367J, the western property boundary adjacent to Silver Creek's channel is designated as Zone AE, being in the 1% annual chance flood area (within the 100-year floodplain). The remainder of the property is designated as Zone X, being

outside the 0.2% annual chance flood area (outside the 500-year floodplain). ISWS indicates there are no surface water intakes within the 15-mile downstream route from the former pipeline facility.

#### 4.4 Soil Exposure

As mentioned, the Williams Pipeline Company petroleum storage facility and transfer station no longer exists on the property. The property was sold in 2017. The current owner has, since purchase, remediated the property and constructed three large warehouse structures containing office space, industrial/storage space, and multiple tractor trailer docks. The property's surface areas have been covered with concrete for building foundations, building floors, and truck loading dock ground surfaces. Asphalt covers driveway, and general vehicle parking areas surrounding the buildings. All landscaped areas have been covered with eighteen inches of clean soil placed over Mirafi 180N geotextile prior to flora landscaping.

Nine (9) soil gas vapor samples were obtained throughout the property. Specifically three (3) each from the locations of the three (3) proposed concrete building pad areas (north, central, and south areas of the pads). Samples were collected from four (4) feet below surface grade and above the saturated zone. Samples were submitted to the laboratory for VOC analysis.

Laboratory analytical results indicated no VOC compounds were detected above any Tier 1

Remediation Objectives. As such, vapor intrusion (indoor inhalation exposure route) has been addressed and 35 IAC 742.312 has been satisfied.

The property, as it currently exists, can be accessed by vehicle or pedestrian traffic at any location except along the western perimeter which is bordered by Silver Creek. No other fencing or barriers restrict access to the facility.

The area surrounding the former pipeline property is residential and industrial with an estimated population of 980 within one mile of the facility. The nearest residential structure is approximately 120 feet southwest of the southwest corner of the property in an established neighborhood of approximately 75 years. Other residential neighborhoods are present to the south, southeast, east, and northeast of the property.

There are no schools or daycare facilities within 200 feet of documented former contaminated soils.

#### 4.5 Air Route

The first known record of complaints of noxious odors emanating from the Williams

Pipeline Company was on May 27, 1974. A citizen registered a complaint to the Franklin Park

Police regarding an oily sheen and odors in Silver Creek immediately adjacent to the Williams

property. Police responding to the complaint found a Williams employee draining water and

gasoline from a storage tank containment area. While Williams Pipeline Company was still

operating on the property there had been other petroleum odors noted by Williams employees,

Williams contractors, and IEPA personnel when responding to various releases. After

remediation there were no odors remaining. No formal air samples had been collected. Since

the current owners, Bridge Development Partners, LLC, purchased the property, they have

conducted remedial work eliminating or significantly reducing petroleum contaminants, obtained

an IEPA issued Comprehensive NFR Letter, have regraded the property, constructed three

warehouse buildings including concrete and asphalt parking areas, and have landscaped

remaining open soil areas with grass and decorative plantings. In its current state as a warehouse

facility the property's ground surface is covered with the mentioned concrete, asphalt, and landscaping which eliminates almost all wind-blown particulates from the site.

#### 5.0 Summary and Conclusions

Site Investigations conducted at the Williams Pipeline property by IEPA, U.S.EPA contractors, and pipeline company contractors included visual inspections, interviews with company representatives and collection of samples of the various media due to historic and recent gasoline, fuel oil, and gasoline/fuel oil/water mixture on-site releases. Records of occurrences date from 1974 to 2017. Information associated with each release is noted in text, laboratory analytical data, and figures in contractor reports within the Appendices of this report. Throughout the time period that Williams and the subsequent owner occupied the property numerous soil and groundwater samples have been collected from locations surrounding each release area, in the overland drainage route leading to Silver Creek, and within the creek sediment if the release reached the creek. Included in the contractor reports attached as Appendices of this report are laboratory analysis of the samples and discussions of results of the analysis. Many of the samples revealed BTEX and PNA compounds that exceeded at least three times background concentrations in soil samples and various groundwater samples, as well as exceeding various TACO limits. The extent of soil/sediment contamination was determined using numerous sample points collected over the course of property occupation by the pipeline companies.

The pipeline property was sold in July 2017 to Bridge Development Partners, LC. Bridge then entered IEPA's Site Remediation Program at which time they conducted remedial work eliminating or significantly reducing petroleum contaminants, obtained an IEPA issued Comprehensive NFR Letter, have regraded the property, constructed three slab-on-grade

warehouse buildings including concrete and asphalt parking areas, and have landscaped remaining open soil areas with grass and decorative plantings.

#### 6.0 REFERENCES

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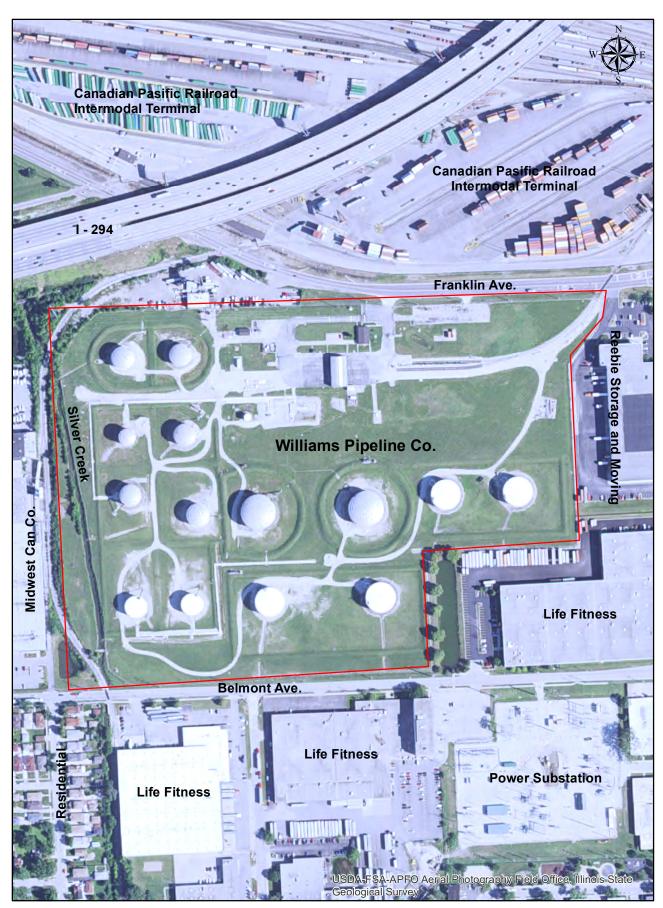
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State of Illinois, Department of Energy and Natural Resources, 1988, Tioga, Illinois, 7.5 Minute Topographic Map.

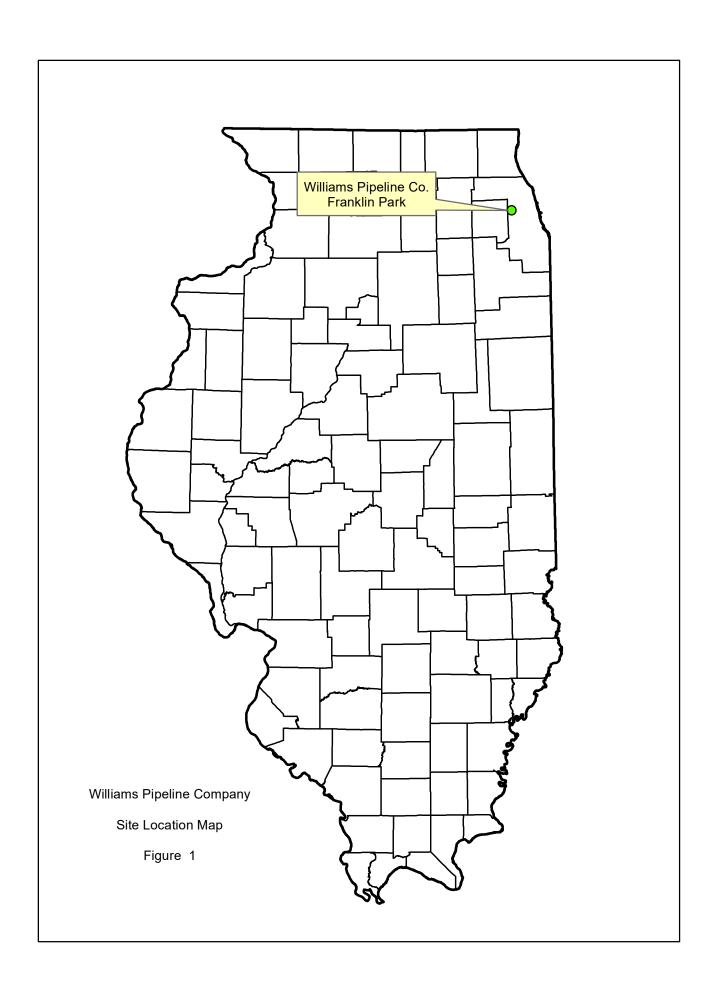
State of Illinois, Department of Energy and Natural Resources, 1968, Photorevised 1975, Scales Mound West, Illinois, 7.5 Minute Topographic Map.

State of Illinois, Department of Energy and Natural Resources, 1968, Hanover, Illinois, 7.5 Minute Topographic Map.

State of Illinois, Department of Energy and Natural Resources, 1988, Mendon, Illinois, 7.5 Minute Topographic Map.



Williams Pipeline Company and Surrounding Area Map



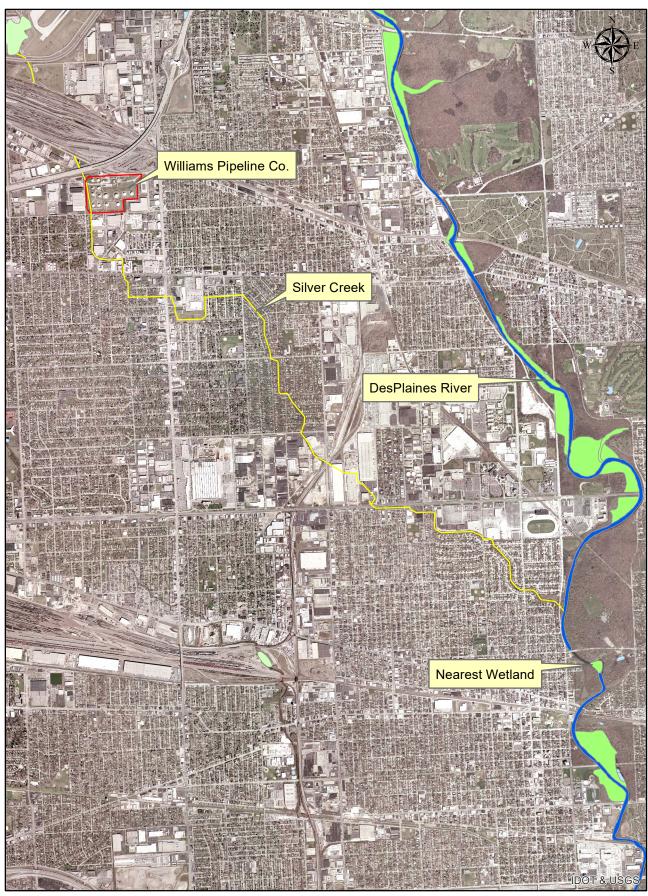


Site Area Map

Figure 2



Williams Pipeline Company Property Map



Willians Pipeline Company
Wetland Map
Figure 5





Williams Pipeline Company Figure 7 Aerial Photograph 3-17-18



Williams Pipeline Company Figure 8 Aerial Photograph 5-23-18



Williams Pipeline Company
Figure 9
Aerial Photograph 10-15-18



Williams Pipeline Company Figure 10 Aerial Photograph 10-18-19

### **FIGURES**

### **APPENDICIES**

### APPENDIX A

4 - Mile Radius Map

## Appendix A



Williams Pipeline Company
4 - Mile Radius Map

## APPENDIX B

15 – Mile In-Water Segment Map

#### Appendix B

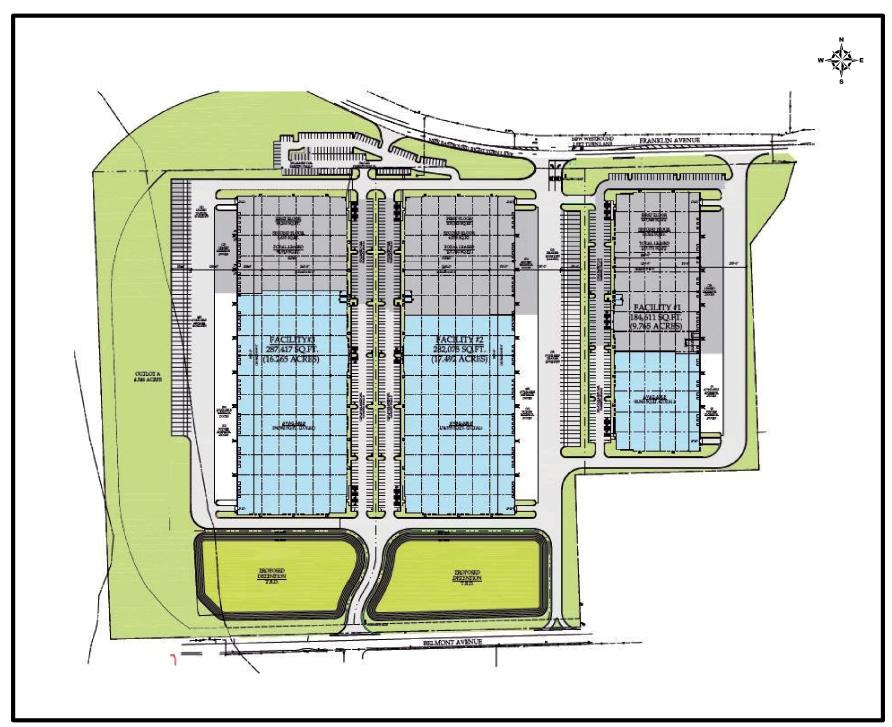


Willians Pipeline Company

15- Mile In-Water Segment Map

#### APPENDIX C

Photographs of Site

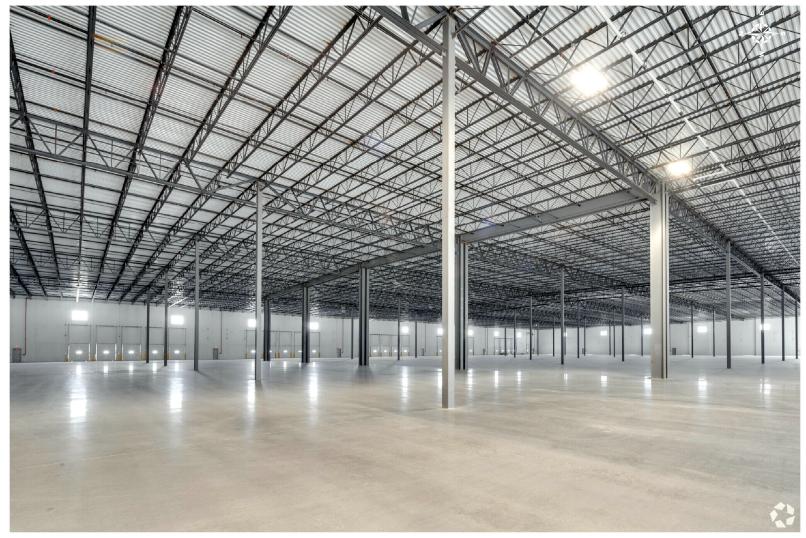


Bridge Franklin Park Development Plan Photo 1

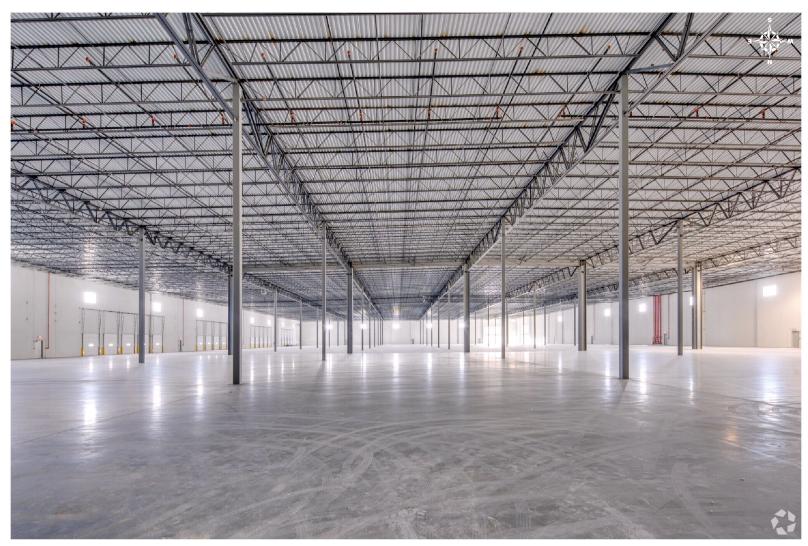


Aerial Of Bridge FPD As Built 2020

Photo 2



Interior Of Bridge FPD Buildings



Interior of Bridge FPD Building - North to South
Photo 4

### APPENDIX D

Remediation Action Completion Report (RACR), February 1, 2019



## FILE COPY Illinois Environmental Prote Franklin Park/Magellan Pipeline

19-68700

0310965121-Cook SR/TECH

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62/94-9∠/6

## **Site Remediation Program Form (DRM-2)**

|  | Site Remedi<br>(To be Submit   | ted with al        | l Plans and Reports                         | s) GEMENT  |
|--|--|--------------------|---|--|
| You may co   | omplete this form online, save a co  | opy, print, si     | gn and mail it to the ad                    | dress aboye age MANARY   |
| I. Site Identifi   | (To be Submit<br>)mplete this form online, save a co   |                    |   | dress above page in the page of the page o |
| Site Name:   | Magellan Pipeline Chicago Termin   |                    | IEPA  | 0 2 5/1/2  |
| Street Address:  | 10601 Franklin Avenue  |                    |   | P. J. Box: IMR   |
| City:  | Franklin Park  | _ State: <u>IL</u> | Zip Code: 60131                             | 712  |
| `  | D Number: 0310965121   | IEMA               | Incident Number:                            | Phone - 841 531 3980   |
| II. Remediation  | on Applicant:  |                    |   |  |
| Applicant's Name   | : Mr./Ms. Mr. Mark Houser  |                    |   |  |
| Company:   | Bridge Development Partners  |                    | <u> </u>                                    |  |
| Street Address:  | 1000 Irving Park Rd. Suite 150   |                    |   | P.O. Box:  |
| City:  | Itasca   | _ State: IL        | Zip Code: 60143                             | Phone: 847 531 3980  |
| Email Address:   | mhouser@bridgedev.com  |                    | <del></del>                                 |  |
| conditions of the l<br>services agreeme  | that the Illinois EPA review and evalue the Illinoi |                    |   |  |
|  |  |                    |   |  |
| III. Contact Pe  | erson for Remediation Appli  | cant:              |   |  |
| III. Contact Pe<br>Contact's Name:   | <del></del>  | cant:              |   |  |
|  | <del></del>  | cant:              |   |  |
| Contact's Name:  | Mr./Ms. Mr. Mark Houser  | cant:              |   | P.O. Box:  |
| Contact's Name:<br>Company:<br>Street Address:<br>City:  | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca   | cant:              | Zip Code: <u>60143</u>                      | P.O. Box:Phone: 847 531 3980   |
| Contact's Name:<br>Company:<br>Street Address:   | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd.  |                    | Zip Code: <u>60143</u>                      |  |
| Contact's Name:<br>Company:<br>Street Address:<br>City:<br>Email Address:  | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca   |                    | Zip Code: <u>60143</u>                      |  |
| Contact's Name:<br>Company:<br>Street Address:<br>City:<br>Email Address:  | Mr./Ms. Mr. Mark Houser Bridge Development Partners 1000 Irving park Rd. Itasca mhouser@bridgedev.com  |                    | Zip Code: <u>60143</u>                      |  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Person   | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  on for Consultant:   |                    | Zip Code: <u>60143</u>                      |  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name:  | Mr./Ms. Mr. Mark Houser Bridge Development Partners 1000 Irving park Rd. Itasca mhouser@bridgedev.com  on for Consultant: Mr./Ms. Mr. Bill Lennon  |                    |   | Phone: 847 531 3980  P.O. Box:   |
| Contact's Name: Company: Street Address: City: Email Address:  Contact Perso Contact's Name: Company:  | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  on for Consultant: Mr./Ms. Mr. Bill Lennon EGSL  557 West Polk Street, Suite 201 Chicago   |                    | Zip Code: 60143                             | Phone: 847 531 3980  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name: Company: Street Address:   | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  In for Consultant:  Mr./Ms. Mr. Bill Lennon  EGSL  557 West Polk Street, Suite 201   | State: II          |   | Phone: 847 531 3980  P.O. Box:   |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name: Company: Street Address: City: Email Address:                                      | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  on for Consultant: Mr./Ms. Mr. Bill Lennon EGSL  557 West Polk Street, Suite 201 Chicago   | State: IL          | Zip Code: 60607                             | Phone: 847 531 3980  P.O. Box: Phone: (312)447-1200  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name: Company: Street Address: City: Email Address: IV. Review &                         | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  In for Consultant:  Mr./Ms. Mr. Bill Lennon  EGSL  557 West Polk Street, Suite 201  Chicago bill@EGSL.com  Evaluation Licensed Profess   | State: IL          | Zip Code: 60607                             | Phone: 847 531 3980  P.O. Box: Phone: (312)447-1200  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name: Company: Street Address: City: Email Address: IV. Review &                         | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  In for Consultant:  Mr./Ms. Mr. Bill Lennon  EGSL  557 West Polk Street, Suite 201  Chicago bill@EGSL.com  Evaluation Licensed Profess   | State: IL          | Zip Code: 60607<br><br>ineer or Geologist ( | Phone: 847 531 3980  P.O. Box: Phone: (312)447-1200  ("RELPEG"), if applicable:  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name: Company: Street Address: City: Email Address: V. Review & I RELPEG's Name          | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  In for Consultant:  Mr./Ms. Mr. Bill Lennon  EGSL  557 West Polk Street, Suite 201  Chicago bill@EGSL.com  Evaluation Licensed Profess  E: Mr./Ms. Mr.   | State: IL          | Zip Code: 60607<br><br>ineer or Geologist ( | Phone: 847 531 3980  P.O. Box: Phone: (312)447-1200  |
| Contact's Name: Company: Street Address: City: Email Address: Contact Perso Contact's Name: Company: Street Address: City: Email Address: V. Review & I RELPEG's Name Company: | Mr./Ms. Mr. Mark Houser Bridge Development Partners  1000 Irving park Rd. Itasca mhouser@bridgedev.com  In for Consultant:  Mr./Ms. Mr. Bill Lennon  EGSL  557 West Polk Street, Suite 201  Chicago bill@EGSL.com  Evaluation Licensed Profess  E: Mr./Ms. Mr.   | State: IL          | Zip Code: 60607<br><br>ineer or Geologist ( | Phone: 847 531 3980  P.O. Box: Phone: (312)447-1200  ("RELPEG"), if applicable:  |

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| V. Project De   | ocuments Being Submitted:                           |   |           | Page 3 of 4                            |
|-----------------|---|---|-----------|--|
|                 | BAOD  |   |           | Date of Preparation                    |
| Document Title: | RACR  |   |           | of Plan or Report: 2/1/19              |
| Prepared by:    | EGSL  |   |           | Prepared For: IEPA                     |
| Type of Docum   | ent Submitted:<br>estigation Report - Comprehensive | П | Sampling  |  |
|                 | estigation Report - Focused                         | Ħ |           | d Safety Plan                          |
| _               | ation Objectives Report - Tier 1 or 2               |   |           | ty Relations Plan                      |
| _               | ation Objectives Report - Tier 3                    |   | Risk Asse | •                                      |
| _               | al Action Plan                                      |   | Containme | ent Fate & Transport Modeling          |
| ✓ Remedia       | al Action Completion Report                         |   | Other:    |  |
|                 |   |   | · ·       |  |
|                 |   |   |           | Date of Preparation                    |
| Document Title: |   |   |           | of Plan or Report:                     |
| Prepared by:    |   |   |           | Prepared For:                          |
| Type of Docume  | nt Submitted:<br>estigation Report - Comprehensive  |   | П         | Sampling Plan                          |
| _               | estigation Report - Focused                         |   | 一百        | Health and Safety Plan                 |
| _               | ation Objectives Report - Tier 1 or 2               |   |           | Community Relations Plan               |
| Remedia         | ation Objectives Report - Tier 3                    |   |           | Risk Assessment                        |
| ☐ Remedia       | al Action Plan                                      |   |           | Containment Fate & Transport Modeling  |
| Remedia         | al Action Completion Report                         |   |           | Other:                                 |
| Document Title: |   |   |           | Date of Preparation of Plan or Report: |
| Prepared by:    |   |   |           | Prepared For:                          |
| Type of Docume  | nt Submitted:                                       |   |           |  |
| ☐ Site Inve     | stigation Report - Comprehensive                    |   |           | Sampling Plan                          |
| ☐ Site Inve     | stigation Report - Focused                          |   |           | Health and Safety Plan                 |
| ☐ Remedia       | ation Objectives Report - Tier 1 or 2               |   |           | Community Relations Plan               |
| ☐ Remedia       | ation Objectives Report - Tier 3                    |   |           | Risk Assessment                        |
|                 | al Action Plan                                      |   |           | Containment Fate & Transport Modeling  |
| Remedia         | al Action Completion Report                         |   |           | Other:                                 |

## VI. Professional Engineer's or Geologist's Seal or Stamp:

I attest that all site investigations or remedial activities that are subject of this plan(s) or report(s) were performed under my direction, and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the plan and report has been designed or completed in accordance with the Illinois Environmental Protection Act (415 ILCS 5), 35 III. Adm. Code 7401 and generally accepted engineering practices or principles of professional geology, and the information presented is accepted and complete.

| Any person who knowingly makes a table, lecitious, or translated material eletement, orably second or subsequent offense after conviction is a Class 3 felony. (415 fLCS \$44(f)) | or in writing, to the silvinois EPA country a Eligible ( Palony, A   |
|---|--|
| Engineer's or Geologist's Name: Harold A. Smith, P.E.   | Professional Engineer's or   |
| Company: EGSL   | Geologist Scal or stamp:   |
| Registration Number: 062-030217 Phone: (312)447   | <u> </u>   |
| License Expiration Date: 11/30/2019   |  |
| Signature: Hauld a Smith  | Date: 1/31/30/07/CUNDIS  |
| Note: The authority of a Licensed Professional Geologist to certify designed and  | The state of the s |

Note: The authority of a Licensed Professional Geologist to certify documents submitted to the tilinois Environmental Protection Agency for review and evaluation pursuant to Title XVII of the Environmental Protection Act is limited to Site Investigation Reports (415 ILCS 58.7(1), as amended by P. Remedial Action Completion Reports, Remedial Action Plans or

All information submitted is available to the public except when specifically designated by the Genediation Applicant to be treated confidentially as a trade secret of secret process in accordance with the filinois Compiled Statistics, Section 7(a) of the Emfroymental Protection Act, applicable Rules and Regulations of the Illinois Polyton Control Board and applicable Illinois EPA acts and guidelines. The Illinois EPA is authorized to require this information under Sections 415 IL.CS 5:51 • \$8.12 of the Environmental Protection Act and regulations grownly geted the resulting. Distriction of this information under Sections 415 participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your plan(s) or report(s) being rejected. This form has been approved by the Forms Management Center.



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557 West Polk Street, Suite 201 Chicago, IL 60607 312.447.1200 p 312.447.0922 f www.egsl.com w



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## **Remedial Action Completion Report**

LPC 0310965121—Cook County
Franklin Park/Magellan Pipeline
(10601 Franklin Avenue, Franklin Park, Illinois 60131)
Site Remediation Program/Technical Reports

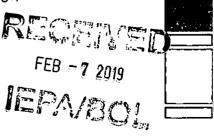
EGSL Project No. 1703287 Date: February 1, 2019



# Prepared for: Illinois Environmental Protection Agency Site Remediation Program 1021 North Grand Avenue East Springfield, Illinois 62702

## On Behalf Of: Mr. Mark Houser Bridge Development Partners, LLC 1000 Irving Park Road, Ste. 150 Itasca, Illinois 60143

# Prepared by: Environmental Group Services, Ltd. 557 West Polk Street – Suite 201 Chicago, Illinois 60607



| 1.         | EXECUTIVE SUMMARY                    |    |
|------------|--------------------------------------|----|
| 2.         | REMEDIATION SITE ACTIVITES & RESULTS | 11 |
| 3.         | CONCLUSIONS                          | 14 |
| 4.         | APPENDICIES                          |    |
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|            | PENDIX A – SITE BASE MAP             |    |
| ΑP         | PENDIX B – EXCAVATION MAPS           |    |
| ΑP         | PENDIX C – CONTAMINATE PLUME MAPS    |    |
| A D        | DENDLY D. D. 2C MAGDELLING MAD       |    |

APPENDIX D – R-26 MODELING MAP

APPENDIX E – ARSENIC EXCAVATION DOCUMENTATION

APPENDIX F – INSTITUTIONAL CONTROLS DOCUMENTATION

APPENDIX G – FINAL SITE BASE MAP, PIN & LEGAL DESCRIPTION

APPENDIX H – LANDSCAPING TCL ANALYTICAL DATA

APPENDIX I – IEPA JANUARY 18, 2019 COMMENT LETTER AND REQUESTED MAPS

APPENDIX J – MIRAFI® 180N SPEC SHEET

egsl

#### 1. EXECUTIVE SUMMARY

Environmental Group Services Limited (EGSL) has been retained by *Bridge Development Partners, LLC* to provide environmental consulting services for the property located at 10601 Franklin Avenue, Franklin Park, Cook County, Illinois, also known as the Remediation Site (RS). The Remediation Applicant (RA) is *Bridge Development Partners, LLC* and the point of contact is Mark Houser. Prior to EGSL retaining the RS, a Site Investigation, Remediation Objectives, Remedial Action Plan and Completion Report was prepared by Environmental Strategies Consulting, LLC (ESC), September 7, 2004 and a Limited Phase II Environmental Site Assessment conducted by Weaver Consultants Group North Central, LLC (WCG) on March 30 through April 11, 2017 (Limited Phase II Environmental Site Assessment Report, 10601 Franklin Avenue, Franklin Park, Illinois, May 5, 2017). The site was enrolled into the Illinois Environmental Protection Agency (IEPA) Site Remediation Program (SRP) on July 26, 2017 to obtain a Comprehensive No Further Remediation (NFR) Letter, in accordance with the regulations set forth in 35 IAC 740 (Site Remediation Program (SRP)) and 35 IAC 742 (Tiered Approach to Corrective Action Objectives (TACO)).

The Subject Property was previously occupied by Magellan Pipeline Company. The Property was comprised of approximately 48.065 acres of land improved with one approximately 2,240 square-foot one- story office building, one approximately 6,000 square-foot loading rack building, one approximately 800 square-foot garage building, and twenty (20) aboveground storage tanks (ASTs) ranging in size from approximately 500 to 2,300,000 gallons. The Property was also improved with underground and aboveground pipelines and gravel roads throughout the Property. Railroad tracks are present from the northern to northeastern portion of the Property, but are no longer in use. Asphalt-paved areas are located on the northern portion of the Property in the vicinity of the office building and loading rack building. The areas around the ASTs are grass-covered and include earthen berms as secondary containment areas. The Property was used as a tank farm, storing a variety of petroleum products including distillate, gasoline, and transmix, since at least 1931. In their Phase I ESA, WCG stated that they observed a creek located on the western portion of the Property. This creek was identified as Silver Creek and runs north to south through the western portion of the Property. (A Site Base Map is included in Appendix A, Figure 1).

An environmental investigation and remediation activities were conducted by ESC in 1999 at the Magellan Terminal (Terminal) in response to mixtures of gasoline, diesel fuel, and water that were released from a sump in incidents occurring in March and August 1999 (IEPA) Release Incident Numbers: 991878 and 990556); and a release of unleaded gasoline in 1986. In response to these releases, 19 monitoring wells were installed and soil excavation and plume stability monitoring remedial activities were performed. On April 30, 1999, ESC collected soil samples from nine soil borings (P-1 through P-9) to evaluate the potential presence of petroleum hydrocarbons in soil due to the March 1999 release. Two additional soil samples were collected on August 18, 1999 after six additional inches of soil were excavated from the area. On August 12, 1999, after a release of 90 gallons of gasoline and diesel fuel, the affected soil was excavated from the release area. The depth of the excavation varied from approximately 3 to 8 feet below grade and included the sump area and area to the southwest. Both near surface soils affected by the release and deeper soils that had been affected by historical activities in the area (assumed to be the 1986 release) were removed. Four soil samples (B-1 through B-4), were collected from the base of the excavation and five soil samples, SW-1 through SW-5, were collected from the excavation side walls to confirm that the affected soil had been removed or to evaluate the concentrations of hydrocarbons remaining in soil that could not be removed. All of the soil samples collected were analyzed for Benzene, Toluene, Ethylbenzene



and Xylenes (BTEX) and Polynuclear Aromatic Hydrocarbons (PNAs).

The analytical results for soil samples collected by ESC were compared to baseline cleanup objectives presented in Part 742 (Tiered Approach to Corrective Action Objectives (TACO)) of the Illinois Administrative Code (IAC) Tier 1 Class II Soil Remediation Objectives (SROs) for Industrial/Commercial properties. It was concluded that *Benzene*, *Toluene*, and *Ethylbenzene* exceeded the Tier 1 SROs in some soil samples. These compounds exceeded the remediation objectives for Industrial/Commercial Inhalation, Construction Worker Inhalation exposure pathways and exceeded the Class II Soil Component of the groundwater exposure pathway. *Naphthalene* was the only PNA that exceeded the Tier 1 SROs for the Construction Worker Inhalation exposure route.

According to ESC, the monitoring well network at the Terminal consists of 16 monitoring wells; MW-1 through MW-8, MW-10, MW-12 through MW-14, and MW-16 through MW-19. Monitoring wells MW-1 through MW-7 were installed in 1987 in response to the November 1986 release that occurred near Tank 272. By June 1988, a perimeter groundwater monitoring network was established; which, included the installation of MW-8 through MW-18. An additional monitoring well, MW-19, was installed approximately 10 feet southwest (downgradient) of the product recovery sump/separator system to evaluate subsurface conditions after the 1999 petroleum release incidents. Monitoring wells MW-9, MW-11, and MW-15 were abandoned because petroleum compounds have never been detected in groundwater samples collected from these wells. Groundwater samples collected by ESC were analyzed for BTEX and Hexane. BTEX was detected in groundwater, but only Benzene was detected at concentrations exceeding its Class II Groundwater Remediation Objective (GRO). The criterion for Benzene was exceeded in recent groundwater samples from MW-1, MW-6, MW-7, and MW-19. The historical data indicates that benzene concentrations have also exceeded the Tier 1 GRO in previous samples from these wells. Therefore, ESC concluded that Benzene is the only constituent of concern for groundwater and that plume stability monitoring has shown that Benzene concentrations are stable to decreasing, and affected groundwater has not migrated offsite.

Based upon the assessments described in the WCG Phase I ESA report it was revealed that there was no evidence of *recognized environmental conditions* (RECs) in connection with the Property, except for the following:

- REC-1: The potential presence of surface and subsurface impacts associated with the historical
  use of the Property as a petroleum bulk storage facility with associated ASTs, pipelines, and
  releases.
- REC-2: The potential presence of surface and subsurface impacts associated with the historical presence of a UST and associated LUST incident.
- REC-3: The known and potential presence of surface and subsurface impacts associated with a November 6, 1986 release of gasoline near Tank 272, a March 8, 1999 release of gasoline, diesel fuel, and water mixture from the product recovery sump system (Incident No. 990556), and an August 10, 1999 release of gasoline and diesel fuel mixture from the discharge line of the water separator sump to Tank No. 654 (Incident No. 991878).
- REC-4: The presence of surface and subsurface impacts associated with the October 22, 1999 spreading of approximately 225 yards of petroleum-impacted soil excavated from the 1999 release areas. Area was approximately 100 feet by 165 feet with soil thickness ranging from three to six inches.



- REC-5: The potential presence of subsurface impacts associated with potential unknown fill materials in the former water feature that transected the northwest corner of the Property.
- REC-6: The potential presence of subsurface impacts associated with the northern adjoining properties used as a railroad yard, automotive storage and machineshop.
- REC-7: The potential and known presence of subsurface impacts associated with the eastern, western, and southern adjoining properties whose industrial operations include plastics products manufacturing and industrial package manufacturing.

Based upon the assessments described in the WCG Phase I ESA report it was revealed that there was no evidence of *controlled recognized environmental conditions* (CRECs) in connection with the Property, except for the following:

 CREC-1: The known presence of surface and subsurface impacts associated with the August 2, 2014 release of approximately 588 gallons of diesel fuel from Tank No. 715 (Incident No. 20140897) and the presence of an Environmental Land Use Control.

Based on the results of the WCG Phase I ESA, a limited Phase II ESA was conducted by WCG to assess potential subsurface environmental conditions associated with the RECs identified above. The Scope of Work for the Limited Phase II ESA generally included the advancement of soil probes and hand augers and the installation of temporary groundwater monitoring wells for soil and groundwater sample collection. Sediment samples were also collected from the on-site creek and groundwater samples were collected from existing permanent monitoring wells.

On March 30 to April 11, 2017, a total of seventy-four (74) soil probes and four hand augers were advanced, two temporary groundwater monitoring wells installed, two sediment samples were collected, and twelve (12) existing permanent monitoring wells were sampled (see Appendix A, Figures 2, 2A, and 3 for approximate locations of the soil probes, hand augers, sediment samples and monitoring wells). Soil samples collected from each probe and hand auger were field screened using a photoionization detector (PID). In addition, soil samples were screened for the presence of visual and olfactory indications of impacts. Soil and sediment samples collected intermittingly from March 30 to April 10, 2017 were submitted for laboratory analysis of contaminants of concern (COCs) related to the above RECs. These COCs included Target Compound List (TCL) parameters, total petroleum hydrocarbons (TPH), Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Methyl tert-butyl ether (MTBE), Resource Conservation and Recovery Act (RCRA) Metals, Toxicity Characteristic Leaching Procedure (TCLP) Metals, Synthetic Precipitation Leaching Procedure (SPLP) Metals, and pH. In addition, select soil samples were submitted for laboratory analysis of Fraction of Organic Carbon (Foc). Groundwater samples collected on April 10 and April 11, 2017 were also submitted for laboratory analysis of TCL parameters, BTEX, MTBE, PNAs, and RCRA Metals (total and dissolved).

Soil and sediment analytical results were compared to Illinois Environmental Protection Agency (IEPA) TAC) Tier 1 SROs for Industrial/Commercial Properties. Samples were also compared to the soil Background Concentrations within Metropolitan Statistical Areas (Backgrounds) for PNAs and inorganics. Groundwater analytical results were compared to IEPA TACO Tier 1 Groundwater Remediation Objectives (GROs) for Class I and Class II Groundwater and GROs for the Indoor Inhalation Exposure Route. In addition, Remediation Objectives (ROs) for COCs not listed within TACO were calculated using toxicity data and chemical/physical data listed in the USEPA Regional Screening Level (RSL) summary tables and



#### calculations listed in TACO.

According to the analytical results, soil samples exhibited concentrations below Tier 1 SROs for Industrial/Commercial Properties, with the exception of the following:

- MG-SB-GP-14/2-4', MG-SB-GP-59/2-4', MG-SB-GP-65/4-6', and MG-SB-GP-66/3-5' exhibited Benzene, Naphthalene, and/or Ethylbenzene concentrations in excess of the Soil Inhalation Exposure Route;
- MG-SB-GP-14/2-4', MG-SB-GP-59/2-4', MG-SB-GP-65/4-6', and MG-SB-GP-66/3-5' exhibited Benzene, Ethylbenzene, Xylenes, Naphthalene, and/or Mercury concentrations in excess of the Soil Inhalation Exposure Route for the Construction Worker Scenario;
- MG-SB-GP-14/2-4' and MG-SB-GP-66/3-5' exhibited *TPH* concentrations in excess of the TACO default soil attenuation capacity for soils below 1 meter;
- MG-SB-GP-66/3-5' exhibited a Xylene concentration in excess of the TACO Soil Saturation Limits (C<sub>sat</sub>) for Chemicals Whose Melting Point is Less Than 30° C (TACO 742.APPENDIX A) for the SCGIR;
- Twenty-four (24) soil samples and two (sediment samples) exhibited *Arsenic* concentrations in excess of the Soil Ingestion Exposure Route and Backgrounds within MSAs;
- MG-SB-GP-14/2-4', MG-SB-GP-25/2-4', MG-SB-GP-29/1-3', MG-SB-GP-32/2-4, MG-SB-GP-59/2-4', MG-SB-GP-60/6-8', MG-SB-GP-62/4-6', and MG-SB-GP-63/0-2', MG-SB-GP-65/4-6', and MG-SB-GP-66/3-5' exhibited *Benzene* concentrations in excess of the Soil Component of the Groundwater Ingestion Exposure Route;
- MG-SB-GP-14/2-4', MG-SB-GP-59/2-4', MG-SB-GP-65/4-6' and MG-SB-GP-66/3-5' exhibited Ethylbenzene concentrations in excess of the Soil Component of the Groundwater Ingestion Exposure Route;
- MG-SB-GP-14/2-4', MG-SB-GP-59/2-4' and MG-SB-GP-66/3-5 exhibited *Xylene* concentrations in excess of the Soil Component of the Groundwater Ingestion Exposure Route;
- MG-SB-GP-64 /13-15' exhibited Mercury concentrations in excess of the Soil Component of the Groundwater Ingestion Exposure Route;
- MG-SB-GP-73/2-4' exhibited 1,1,2,2-tetrachloroethane concentrations in excess of the Soil Component of the Groundwater Ingestion Exposure Route;
- MG-SB-GP-14/2-4', MG-SB-GP-32/2-4, MG-SB-GP-59/2-4', MG-SB-GP-61/5-7', and MG-SB-GP-66/3-5 exhibited 2-Methylnaphthalene concentrations in excess of the Soil Component of the Groundwater Ingestion Exposure Route.

In addition, multiple soil samples exhibited concentrations of *Chromium, Cobalt, Iron* and *Manganese* that did not achieve at least one of the Tier 1 Class II SROs (Concentrations of Inorganic Chemicals in Background Soils for Counties within Metropolitan Statistical Areas, pH-Specific concentrations and TCLP concentrations) for the SCGIR. The soil analytical results either comprised of concentrations that exceeded the background & pH specific Tier 1 SROs and there was no SPLP/TCLP analysis performed or the background Tier 1 SRO was exceeded, there were no pH-specific values available and, no SPLP/TCLP analysis was completed.

According to the WCG analytical results, groundwater samples exhibited concentrations below Tier 1 Class II GROs, with the exception of the following:

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- MG-GW-TW-02 and MG-GW-MW-19 exhibited *Benzene* concentrations in excess of the Groundwater Ingestion Exposure Route and Indoor Inhalation Exposure Route;
- MG-GW-TW-01 exhibited *Benzene* concentrations in excess of the Groundwater Ingestion Exposure Route; and
- MG-GW-TW-01, MG-GW-TW-02 and MG-GW-MW-19 exhibited dissolved *Iron* concentrations in excess of the Groundwater Ingestion Exposure Route.

The primary fate and transport of contaminants in the subsurface would be largely controlled by the migration of potentially contaminated groundwater encountered at the site.

Based on the results of the Limited Phase II ESA, WCG's following findings and conclusions (concurred by EGSL) are presented below:

- 1. Future development does not appear to be inhibited based on the analytical results.
- 2. Impacts may be address through a risk based remedial strategy and/or active remediation.
- 3. A construction worker safety precaution may be applied to the Property to address benzene, ethylbenzene, xylenes, naphthalene, and mercury concentrations in excess of the Soil Inhalation Exposure Route for the Construction Worker Scenario.
- 4. As a groundwater use ordinance is not currently established for the Village of Franklin Park, a groundwater use restriction may be applied to the Property prohibiting the installation or use of potable groundwater wells to mitigate exposure to shallow groundwater.
- 5. Should redevelopment of the Property occur, consideration should be given to special management requirements that may apply to excavation of soils for Property grading, foundations and/or utility installations.
- 6. Owing to the historical commercial use of the Property, should redevelopment occur, we would advise that a contingency be developed for unexpected conditions including, but not limited to, areas of soil and/or groundwater impacts, discovery of underground storage tanks (USTs), dry wells, catch basins, remnant subsurface foundations and other similar structures.

The Comprehensive Site Investigation Report, Remedial Objectives Report and Remedial Action Plan was completed in accordance with the IEPA's SRP, 35 IAC 740, and the Tiered Approach to Corrective Action Objectives (TACO), 35 IAC 742. This Report contains all information pertinent to the following IEPA reporting:

- Comprehensive Site Investigation Report
- Remediation Objectives Report
- Remedial Action Plan

Tier 1 Industrial/Commercial Ingestion, Inhalation and Construction Worker Inhalation exceedances have been identified in select areas of the Subject Property. These pathways have been evaluated under the SRP ROR process, and it had been determined that Hot Spot removal was conducted to remove soils exhibiting benzene in excess of the Indoor/Outdoor Soil Inhalation Exposure Route, *TPH* and/or source material in the vicinity of groundwater impacts in excess of Tier 1 GROs for the Indoor Inhalation Exposure Route. Refer to **Appendix B, Figure 5 and 5A** for the four (4) Hot Spot excavation areas.



Following the removal of the *Benzene* and *TPH* impacted locations, which correspond to the MG-GW-TW-02 and MG-GW-MW-19 well locations exhibiting impacts in excess of Tier 1 GROs for the Indoor Inhalation Exposure Route, nine (9) soil gas vapor samples were obtained throughout the site. Specifically, three (3) samples were obtained from each of the proposed building pad areas (one in the northern, central, and southern sections of each building). It should be noted that soil gas sample SGV-3N was obtained from the area of MW-19, and soil gas sample SGV-2N was obtained from the area of TW-02. The samples were collected at a depth of four feet below grade surface and above the saturated zone. The samples were submitted for VOC analysis to a NELAP certified laboratory, with a completed chain of custody. According to the laboratory results, no VOCs were detected above any Tier 1 ROs. As such, soil gas vapor (i.e. the indoor inhalation exposure route) has been addressed and 35 IAC 742.312 has been satisfied. Refer to Appendix A, Figure 4 for the location of the soil gas samples.

In addition, Hot Spot removal was completed at two (2) soil or sediment locations (HA-01 and, HA-02) exhibiting arsenic concentrations in excess of the Tier 1 SRO for the Soil Ingestion Exposure Route. Confirmation soil samples were collected upon excavation completion and soil samples were submitted to the project laboratory for the analysis of the COCs with analytical results indicating successful mitigation at the four soil sediment locations. The remaining Arsenic locations will utilize engineered barriers consisting of 1.5 feet of clean fill (underlain by IEPA-approved Mirafi® 180N, spec sheet can be found in Appendix J) to address the ingestion exceedances in the landscaped areas. Refer to Appendix B, Figure 5B for the Arsenic abatement locations.

For the Construction Worker Inhalation Exposure Route, a safety plan will be developed to address possible worker exposure for the COCs that exceeded the Construction Worker Inhalation Exposure Pathway in the event that any future excavation and construction activities may occur within the contaminated soil. Any excavation within the contaminated soil will require implementation of a safety plan consistent with NIOSH Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, OSHA regulations, (particularly in 29 CFR 1920 and 1926), state, and local regulations, and other USEPA guidance. Excavated soil must be returned to the same depth from which it was excavated or properly managed or disposed in accordance with applicable state and federal regulations. The safety plan will include those areas that exceeded the Tier 1 SROs for the Construction Worker Inhalation Exposure Route (that were not removed during hot spot excavations).

For the COCs that exceeded the Class I SCGIR SROs and the Class I GROs (shown to not migrate off-site), an on-site groundwater restriction prohibiting the use of groundwater for potable purposes must be implemented.

The soil results that exceeded TACO Tier 1 Remediation Objectives (ROs) after RAP execution are as follows:

• The soil analytical results of the CSI indicated that Arsenic at one or more locations exceeded the TACO Tier 1 SROs for the <u>Industrial/Commercial Ingestion Exposure Route</u>, the <u>Industrial/Commercial Inhalation Exposure Route</u> was exceeded for Benzene at seven (7) locations; the <u>Construction Worker Inhalation Exposure Route</u> was exceeded by Benzene at six (6) locations, Total Xylenes at six (6) locations, Naphthalene at four (4) location and Mercury at one (1) location. COCs that exceeded the <u>Class I Soil Component of the Groundwater Ingestion Route (SCGIR)</u> were Benzene at twenty (20) locations, Toluene at one (1) location, Naphthalene at one (1) location, 2-Methylnaphthalene at three (3) locations, and 1,1,2,2-Tetrachloroethane at



one (1) location. The Construction Worker Ingestion Exposure Route was not exceeded.

- Nine (9) soil gas vapor samples were obtained throughout the site. Specifically, three (3) samples were obtained from each of the proposed building pad areas (one in the northern, central, and southern sections of each building). It should be noted that soil gas sample SGV-3N was obtained from the area of MW-19, and soil gas sample SGV-2N was obtained from the area of TW-02. The samples were collected at a depth of four feet below grade surface and above the saturated zone. The samples were submitted for VOC analysis to a NELAP certified laboratory, with a completed chain of custody. According to the laboratory results, no VOCs were detected above any Tier 1 ROs. As such, soil gas vapor (i.e. the indoor inhalation exposure route) has been addressed and 35 IAC 742.312 has been satisfied. Soil gas sample locations are depicted in Appendix A, Figure 4.
- Based on the <u>Soil Component of the Groundwater Ingestion Route (SCGIR)</u> exceedances, Tier 2 modeling was conducted by EGSL and it has been calculated that the COC *Benzene, Toluene, Naphthalene, 2-Methylnaphthalene,* and *1,1,2,2-Tetrachloroethane* would not migrate off-site in a radial pattern from the sample location.

The groundwater flow direction utilized from ESC was determined to be variable from the south/southwest to south/southeast and the site-specific hydraulic conductivity was 3.08x10<sup>-4</sup> cm/sec. Based on these results, the RS groundwater is classified as Class I groundwater as per 35 IAC 620, Subpart B. According to ESC, the hydraulic gradient was calculated to be 0.009 feet/feet (ft/ft) (average result from MW-1 to MW-16 and MW-6 to MW-2) across the site.

As a part of the Remedial Action Completion Report and strategy to pursue No Further Remediation (NFR) status, the following are proposed:

- The soil Industrial/Commercial <u>Soil Ingestion Exposure Route</u> and Industrial/Commercial <u>Soil Inhalation Exposure Route</u> may be excluded by utilizing a site-wide engineered barrier requirement (see Site Base Map in Appendix A, Figure 2A). Engineered barriers in the forms of slab-on-grade building foundations, concrete/asphalt driveways/parking/walkways, and 1.5' of clean, compacted clay (underlain by IEPA-approved Mirafi® 180N, spec sheet can be found in Appendix J) in the landscaped areas. It should be noted that it was previously determined that no outdoor inhalation exceedances were located within the landscaped areas.
- The soil <u>Construction Worker Inhalation Exposure Route</u> may be excluded by use of a site-specific area worker caution requirement.
- The <u>SCGIR</u> and the <u>Groundwater Inhalation Route</u> may be excluded by the use of an on-site groundwater restriction prohibiting the use of groundwater for potable purposes for those COCs on-site. No COCs were calculated to migrate off-site in a radial direction from sampling location.
- In addition, an institutional control in the form of a recorded IEPA NFR letter filed by the property/remediation site owner with the local county recorder's office will remain in force for the Site in perpetuity or until such time as the contaminants of concern have been remediated to below IEPA TACO Tier 1 Industrial/Commercial Remediation Objectives.

Please note the following:

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- Only portion of the Subject Property has completed development of the required engineered barriers. An NFR is requested at this time only for the Remediation Site Boundary as identified in G. The Legal Description and PIN associated with this portion of the site can also be found in Appendix G. The remaining portions of the Subject Property are in the final stages of development, and an additional RACR requesting an NFR for those portions will be submitted upon completion of the engineered barriers.
- Clean, compacted clay that was utilized in the landscaped areas was obtained from the over-excavation of the large retention pond areas located along the southern portion of the Subject Property. Approximately 16,500 cubic yards of native clay was utilized in the landscaped areas. As such, 34 samples were submitted for TCL analysis. None of the samples contained any chemicals of concern above IEPA. Complete analytical data can be found in Appendix H.
- Maps requested in the IEPA January 17, 2019 comment letter can be found in Appendix I.



#### 2. REMEDIATION SITE ACTIVITES & RESULTS

The following sequential activities have been performed at the RS (Site Base Map found in Appendix A):

- On September 7, 2014, ESC submitted a Site Investigation, Remediation Objectives, Remedial Action Plan and Completion Report.
- Between March 30 through April 11, 2017, WCG conducted a Limited Phase II Environmental Site Assessment.
- On March 30 to April 11, 2017, EGSL completed a total of seventy-four (74) soil probes and four hand augers were advanced, two temporary groundwater monitoring wells installed, two sediment samples were collected, and twelve (12) existing permanent monitoring wells were sampled (see Appendix A, Figures 2, 2A, and 3 for approximate locations of the soil probes, hand augers, sediment samples and monitoring wells). Soil samples collected from each probe and hand auger were field screened using a photoionization detector (PID). In addition, soil samples were screened for the presence of visual and olfactory indications of impacts. Soil and sediment samples collected intermittingly from March 30 to April 10, 2017 were submitted for laboratory analysis of contaminants of concern (COCs) related to the above RECs. These COCs included Target Compound List (TCL) parameters, total petroleum hydrocarbons (TPH), Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Methyl tert-butyl ether (MTBE), Resource Conservation and Recovery Act (RCRA) Metals, Toxicity Characteristic Leaching Procedure (TCLP) Metals, Synthetic Precipitation Leaching Procedure (SPLP) Metals, and pH. In addition, select soil samples were submitted for laboratory analysis of Fraction of Organic Carbon (Foc). Groundwater samples collected on April 10 and April 11, 2017 were also submitted for laboratory analysis of TCL parameters, BTEX, MTBE, PNAs, and RCRA Metals (total and dissolved).
- On July 16, 2017, the Subject Property was enrolled in the IEPA SRP under LPC# 0310965121 with Bridge Development Partners as Remediation Applicant (RA).
- On August 8, 2017, EGSL submitted a Comprehensive Site Investigation Report (CSIR)/Remediation Objectives Report (ROR)/Remedial Action Plan (RAP) for IEPA review.
- On November 20, 2017, EGSL submitted an Addendum to the CSIR/ROR/RAP dated August 8, 2017 was submitted to the IEPA for review.
- On February 20, 2018, the IEPA issued a letter disapproving the CSIR/ROR/RAP and Addendum to the CSIR/ROR/RAP – dated August 8, 2017.
- On April 9, 2018, EGSL submitted a response letter to the IEPA's February 20, 2018 Comments Letter.
- On June 8, 2018, the IEPA issued a letter disapproving the Response to IEPAs Comments for the February 20, 2018 Comment Letter Disapproving the EGSL CSIR/ROR/RAP, dated April 9, 2018.
- On July 20, 2018, EGSL submitted a response letter to the IEPA's June 8, 2018 Comments Letter.
- On October 25, 2018, EGSL submitted a Supplement to EGSL's July 20, 2018 Response Letter to the IEPA.
- On October 30, 2018, EGSL hand excavated two (2) areas of Arsenic exceedances along the
  drainage ditch. Ten (10) soil samples were collected were submitted to STAT Analysis Corporation
  for the analysis of Arsenic. Two (2) 55-gallon drums of contaminated soils were removed and
  properly disposed of at American Waste Industries. Refer to Appendix B, Figure 4B for excavation
  areas and Appendix E for arsenic excavation and sampling documentation.
- On January 17, 2019, the IEPA issued a letter approving the October 25, 2018 Supplement to



EGSL's July 20, 2018 Response Letter to the IEPA.

Hot spot soil excavation activities has resulted in the following remaining soil sample locations exceeding TACO Tier 2 Remediation Objectives (ROs) are as follows:

| बी धुटीप्पञ्ज             | Semple Dapth<br>(ft) | මෙන්නම) | िर्वाद्धाः | ගුන්වැතියාස | මාපාපාහුර්මහ | 9,9,2,2<br>Verrediforcethene | 2<br>Wethylnephthelene | Mexensy |
|---------------------------|----------------------|---------|------------|-------------|--------------|------------------------------|------------------------|---------|
| TACC                      | Tier 2 SCGI          | 0.30    | 61         | N/E         | 12           | 0.03                         | 1.7                    | 0.002   |
| TACO Tier 2 Res. Inh      | alation SRO          | 5.4     | N/E        | N/E         | N/E          | N/E                          | N/E                    | N/E     |
| TACO Tier 2 Ind/Com. Inha | alation SRO          | 7.6     | N/E        | N/E         | N/E          | N/E                          | N/E                    | N/E     |
| TACO Tier 2 Cons. Worl    | ker Inh. SRO         | 6.3     | N/E        | 32.4        | 1.8          | N/E                          | N/E                    | N/E     |
| P-2                       | 8                    | 4.1     | *          | 9.3         | *            | *                            | *                      | *       |
| P-4a                      | 1.5                  | 0.60    | 38.6       | 33.8        | *            | *                            | *                      | *       |
| B-1                       | 8                    | 5.19    | *          | 7.9         | 2.0          | *                            | *                      | *       |
| B-2                       | 9                    | 3.29    | *          | *           | 1.9          | *                            | *                      | *       |
| B-3                       | 5                    | 11.8    | *          | *           | *            | *                            | *                      | *       |
| B-4                       | 4                    | 0.34    | *          | 21.1        | 33.5         | *                            | *                      | *       |
| SW-1                      | 5                    | 4.98    | *          | *           | *            | *                            | *                      | *       |
| SW-2                      | 4                    | 5.95    | *          | 8.0         | 2.0          | *                            | *                      | *       |
| SW-5                      | 5                    | 15.9    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-23                  | 2-4                  | 0.04    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-25                  | 2-4                  | 0.25    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-27                  | 2-4                  | 0.14    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-29                  | 1-3                  | 0.21    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-32                  | 2-4                  | *       | *          | *           | *            | *                            | 4.7                    | *       |
| MG-SB-44                  | 2-4                  | 0.49    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-55                  | 1-3                  | 0.05    | *          | *           | *            | *                            | 1.7                    | *       |
| MG-SB-56                  | 2-4                  | 0.06    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-57                  | 2-4                  | 0.08    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-60                  | 6-8                  | 0.51    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-61                  | 5-7                  | *       | *          | *           | *            | *                            | 9.1                    | *       |
| MG-SB-62                  | 4-6                  | 1.60    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-63                  | 0-2                  | 1.20    | *          | *           | *            | *                            | *                      | *       |
| MG-SB-64                  | 13-15                | *       | *          | *           | *            | *                            | *                      | 0.027   |
| MG-SB-73                  | 2-4                  | *       | *          | *           | *            | 0.032                        | *                      | *       |

Notes:

Analytical testing results are expressed in parts-per-million (ppm) concentrations.

Groundwater analytical results from the four monitoring wells (MW-7, MW-19, MG-GW-TW-01, and MG-GW-TW-02) indicated that Benzene exceeded the Class I GROs and three monitoring wells (MW-19, MG-GW-TW-01, and MG-GW-TW-02) indicated that Iron exceeded the Class I GROs. Refer to Appendix C, Figure 6 for the groundwater contaminate plume.



<sup>\* -</sup> Sample below Tier 1 SROs for specified contaminate

- Hot spot soil excavation activities have resulted in Arsenic exceedances at twenty-one (21) sample locations: hand auger locations HA-03 (2'-4'), HA-04 (2'-4') and soil boring locations MG-SB-GP-10 (4'-6'), MG-SB-GP-16 (2'-4'), MG-SB-GP-17 (1'-3'), MG-SB-GP-20 (3'-5'), MG-SB-GP-24 (2'-4' & 10'-12'), MG-SB-GP-29 (1'-3'), MG-SB-GP-36 (4'-6' & 12'-14'), MG-SB-GP-37 (1'-3'), MG-SB-GP-44 (2'-4'), MG-SB-GP-45 (4'-6'), MG-SB-GP-56 (2'-4' & 10'-12'), MG-SB-GP-58 (6'-8'), MG-SB-GP-67 (2'-4'), MG-SB-GP-68 (4'-6'), MG-SB-GP-76 (2'-4').
- Based on the <u>Soil Component of the Groundwater Ingestion Route (SCGIR)</u> exceedances, concentrations of these COCs exceeding the applicable SROs were modeled using default TACO RBCA equations R-26 to predict the *potential* groundwater impact corresponding to the value detected in soil. Based on the Tier 2 modeling conducted by EGSL, it has been calculated that the no COC would migrate off-site in a radial pattern originating from the sampling location. The R-26 Modeling diagram is found in **Appendix D**, Figure 16.
- The groundwater flow direction was determined to be variable from the south/southwest to south/southeast and the site-specific hydraulic conductivity was 3.08x10<sup>-4</sup> cm/sec. Based on these results, the RS groundwater is classified as Class I groundwater as per 35 IAC 620, Subpart B. The hydraulic gradient was calculated to be 0.0009 feet/feet (ft/ft).

· Base site maps can be found in Appendix A depicted in the following figures:

- Figure 1: Site Base Map Shows a generalized site location.
- Figure 2: Boring Locations Map Shows soil boring locations.
- Figure 2A: Boring Locations Map Shows soil boring locations on new construction.
- Figure 3: Monitoring Well Locations Map Shows monitoring well locations.
- Figure 4: Soil Gas Sample Locations Map Shows soil gas sample locations.

Excavation maps can be found in **Appendix B** depicted in the following figures:

- Figure 5: Excavation Map Shows the excavation areas.
- <u>Figure 5A: Zoomed in Excavation Map</u> Shows zoomed in excavation areas completed in November 2017.
- <u>Figure 5B: Arsenic Excavation Map</u> Shows the *Arsenic* excavation areas completed on October 30, 2018.

Soil and groundwater contaminate plume maps can be found in **Appendix C** depicted in the following figures:

- <u>Figure 6: Groundwater Contaminate Levels</u> Shows benzene and iron groundwater plumes.
- <u>Figure 7: Benzene Migration to Groundwater</u> Shows benzene plumes for all samples collected above Tier 1 Migration to Groundwater Objectives and not removed by excavation.
- Figure 8: Benzene IC and Construction Worker Inhalation—Shows benzene plumes for all samples collected above Tier 1 I/C and C/W Objectives and not removed by excavation.
- Figure 9: Toluene Migration to Groundwater Shows toluene plume for all samples



- collected above Tier 1 Migration to Groundwater Objectives and not removed by excavation.
- <u>Figure 10: Total Xylenes Construction Worker Inhalation</u> Shows total xylenes plume for all samples collected above Tier 1 Construction Worker Objectives and not removed by excavation.
- <u>Figure 11: Naphthalene Construction Worker Inhalation</u> Shows naphthalene plume for all samples collected above Tier 1 Construction Worker Objectives.
- <u>Figure 12: 1,1,2,2-Tetrachloroethane Migration to Groundwater</u> Shows 1,1,2,2 Tetrachloroethance plume for all samples collected above Tier 1 Migration to Groundwater.
- Figure 13: 2-Methylnaphthalene Migration to Groundwater Shows 2-Methylnaphthalene plume for all samples collected above Tier 1 Migration to Groundwater.
- Figure 14: Arsenic Industrial/Commercial Ingestion Show arsenic plume above Tier 1 Industrial / Commercial Ingestion.
- <u>Figure 15: Mercury Construction Worker Inhalation</u> Show mercury plume above Tier 1 construction worker inhalation

R-26 modeled contaminate plume map can be found in **Appendix D, Figure 16**. Hot Spot Arsenic soil excavation locations are depicted in **Figure 17** (**Appendix E**).

For any additional details please refer to the EGSL CSIR/ROR/RAP dated August 8, 2017, the November 20, 2017 Addendum to the CSIR/ROR/RAP, the June 9, 2018 Response Letter, and the July 20, 2018 Response Letter 2.

#### 3. CONCLUSIONS

As a part of the Remedial Action Completion Report and strategy to pursue No Further Remediation (NFR) status, the following are concluded:

Industrial/Commercial Soil Ingestion: Proposed engineered barriers in the form of a concrete building slab on-grade and foundation, asphalt/concrete pavement, or 1.5' of clean compacted clay underlain by Mirafi® 180N (spec sheet can be found in Appendix J). These engineered barriers will include those areas that exceeded the Tier 1 SROs for the Industrial/Commercial Soil Ingestion and Soil Inhalation Exposure Route as follows (Photos of the engineered barriers are presented in Appendix F):

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| 2-2-2-2                              | SallBoring                   | Concentration    | SRO     |  |  |  |
|--------------------------------------|------------------------------|------------------|---------|--|--|--|
| Contaminant                          | (विद्याधिक कि कि विद्या      | Detected (mg/kg) | (mg/Kg) |  |  |  |
| Industrial/Commercial Soil Ingestion |                              |                  |         |  |  |  |
|                                      | HA-03 (2-4)                  | 15               |         |  |  |  |
|                                      | HA-05 (2-4)                  | 31               |         |  |  |  |
|                                      | MG-SB-xx:                    |                  |         |  |  |  |
|                                      | GP-10 (4-6)                  | 19               |         |  |  |  |
|                                      | GP-16 (2-4)                  | 18               |         |  |  |  |
|                                      | GP-17 (1-3)                  | 16               |         |  |  |  |
|                                      | GP-20 (3-5)                  | 15               |         |  |  |  |
|                                      | GP-24 (2-4)                  | 15               |         |  |  |  |
|                                      | GP-24 (10-12)                | 20               |         |  |  |  |
|                                      | GP-29 (1-3)                  | 14               |         |  |  |  |
| Arsenic                              | GP-36 (4-6)                  | 14               | 13      |  |  |  |
| Arsenic                              | GP-36 (12-14)                | 20               | 13      |  |  |  |
|                                      | GP-37 (1-3)                  | 22               |         |  |  |  |
|                                      | GP-44 (2-4)                  | 14               |         |  |  |  |
|                                      | GP-45 (4-6)                  | 14               |         |  |  |  |
|                                      | GP-49 (2-4)                  | 16               |         |  |  |  |
|                                      | GP-56 (2-4)                  | 16               | ,       |  |  |  |
|                                      | GP-56 (10-12)<br>GP-58 (6-8) | 15               |         |  |  |  |
|                                      |                              | 17               |         |  |  |  |
|                                      | GP-67 (2-4)                  | 15               |         |  |  |  |
|                                      | GP-68 (4-6)                  | 20               |         |  |  |  |
|                                      | GP-76 (2-4)                  | 14               |         |  |  |  |

ft bgs = feet below ground surface mg/kg = milligrams/kilogram

Industrial/Commercial Soil Inhalation: Proposed engineered barriers in the form of a concrete building slab on-grade and foundation or asphalt/concrete pavement (potential future development). These engineered barriers will include those areas that exceeded the Tier 1 SROs for the Industrial/Commercial Soil Ingestion and Soil Inhalation Exposure Route as follows (Photos of the engineered barriers are presented in Appendix F):

| <u>Gantaminant</u>          | මුවේ වැඩිවෙන්ව<br>(ල්පාර් රුදාව) | Concentration<br>Detected (mg/Kg) | SRO<br>(mg/Kig) |  |  |  |  |
|-----------------------------|----------------------------------|-----------------------------------|-----------------|--|--|--|--|
| Residential Soil Inhalation |                                  |                                   |                 |  |  |  |  |
|                             | B-3 (5)                          | 11.8                              |                 |  |  |  |  |
| 0                           | B-4 (4)                          | 33.5                              |                 |  |  |  |  |
| Benzene                     | SW-2 (4)                         | 5.98                              | 5.4             |  |  |  |  |
|                             | SW-5 (5)                         | 15.9                              | i               |  |  |  |  |

ft bgs = feet below ground surface mg/kg = milligrams/kilogram

Construction Worker Ingestion and Inhalation: A safety plan should be developed to address possible worker exposure in the event that any future excavation and construction activities may occur within the contaminated soil for the COCs at the following locations:



| Conteminant   | ින් ලන්තු<br>(ල්කුණු ආ දේශ | Concentration Detected (mg/Kg) | SRO<br>(mg/Rg) |
|---------------|----------------------------|--------------------------------|----------------|
|               | Construction Worker        | Inhalation                     |                |
|               | B-3 (5)                    | 11.8                           |                |
| Benzene       | B-4 (4)                    | 33.5                           | 6.3            |
|               | SW-5 (5)                   | 15.9                           |                |
| Total Xylenes | P-4 (1.5)                  | 33.8                           | 32.4           |
|               | B-1 (8)                    | 2                              |                |
| Alambah alama | B-2 (9)                    | 1.9                            | 1 .            |
| Naphthalene   | B-4 (4)                    | 33.5                           | 1.8            |
|               | SW-2 (4)                   | 2                              |                |

ft bgs = feet below ground surface

mg/kg = milligrams/kilogram

Any excavation within the contaminated soil will require implementation of a safety plan consistent with NIOSH Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, OSHA regulations, (particularly in 29 CFR 1920 and 1926), state, and local regulations, and other USEPA guidance. Excavated soil must be returned to the same depth from which it was excavated or properly managed or disposed in accordance with applicable state and federal regulations. The Construction Worker Caution Area location map can be found in **Appendix F, Figure 18**. Please note that this area is not part of this current NFR and will be addressed in the subsequent NFR request.

- For the COCs that exceeded the Class I SCGIR SROs and were not projected to migrate off-site, an on-site groundwater restriction prohibiting the use of groundwater for potable purposes must be implemented.
- In addition, an institutional control in the form of a recorded IEPA NFR letter filed by the property/remediation site owner with the local county recorder's office will remain in force for the Site in perpetuity or until such time as the contaminants of concern have been remediated to below IEPA TACO Tier 2 Industrial/Commercial Remediation Objectives.

#### 4. APPENDICIES

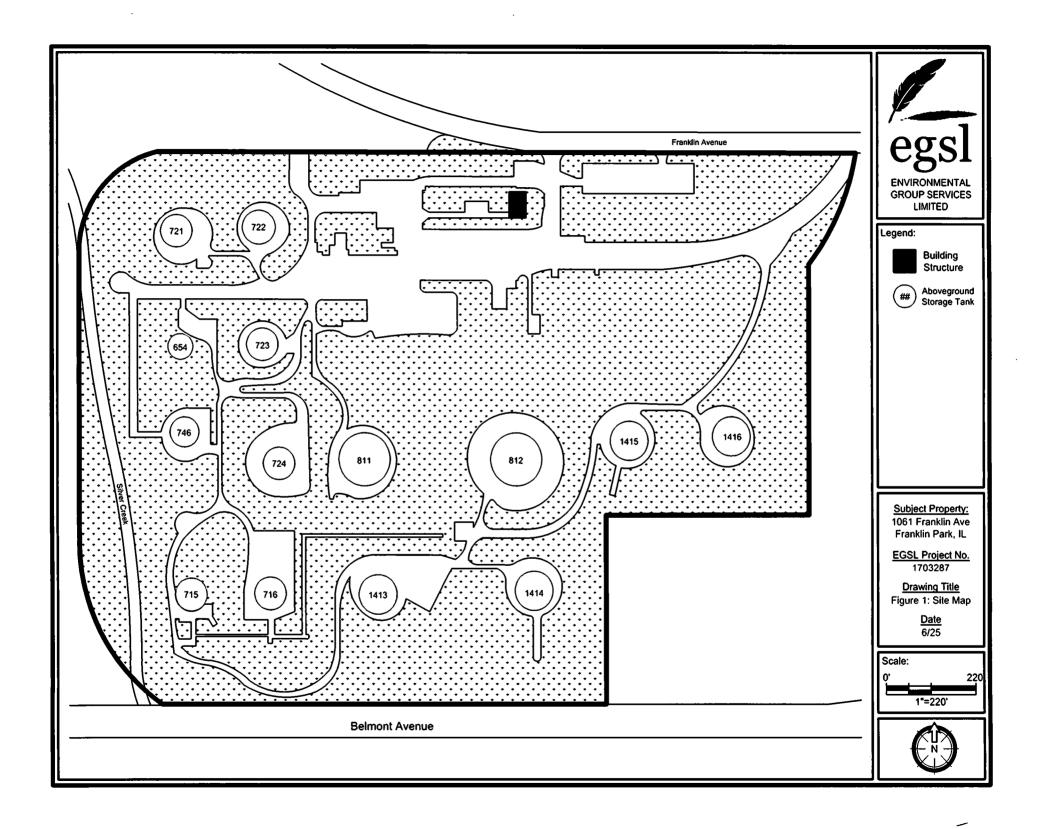
The appendices of this RACR include the following:

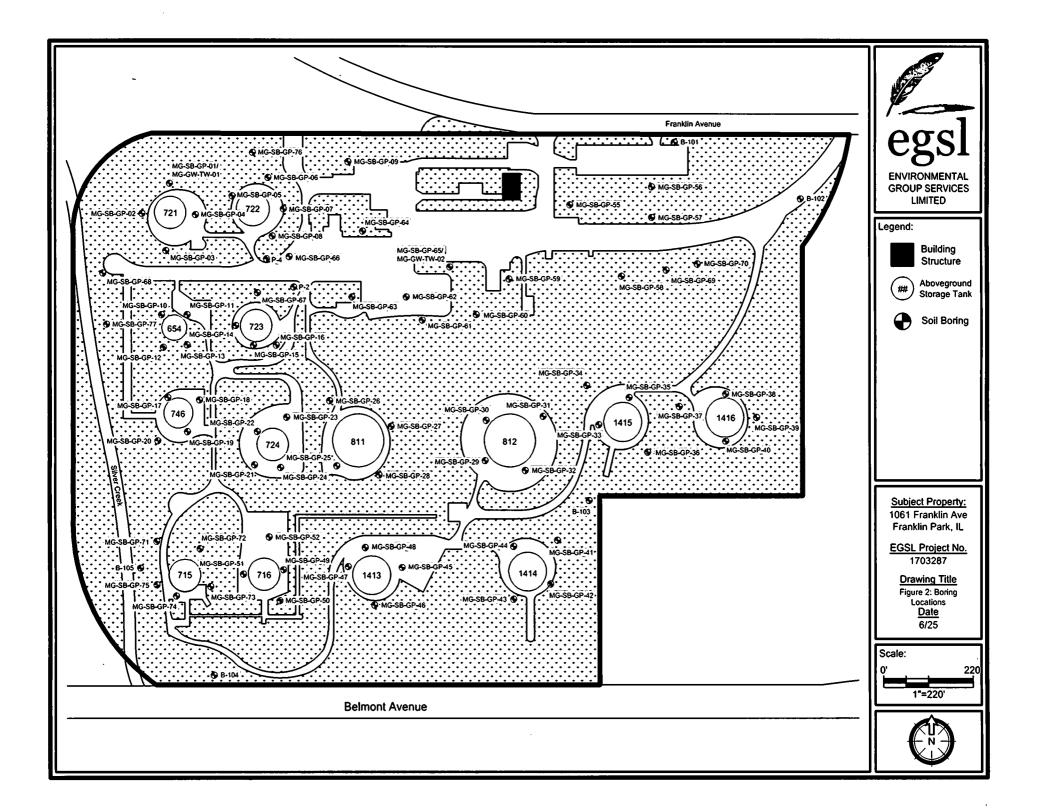
- A) Site Base Maps
- B) Excavation Maps
- C) Contaminate Plume Maps
- D) R-26 Modeling Map
- E) Arsenic Excavation Documentation
- F) Institutional Controls Documentation
- G) Final Site Base Map, PIN, and Legal Descriptions
- H) Landscaping TCL Analytical Data
- I) IEPA January 18, 2019 Comment Letter and Requested Maps
- J) Mirafi® 180N Spec Sheet

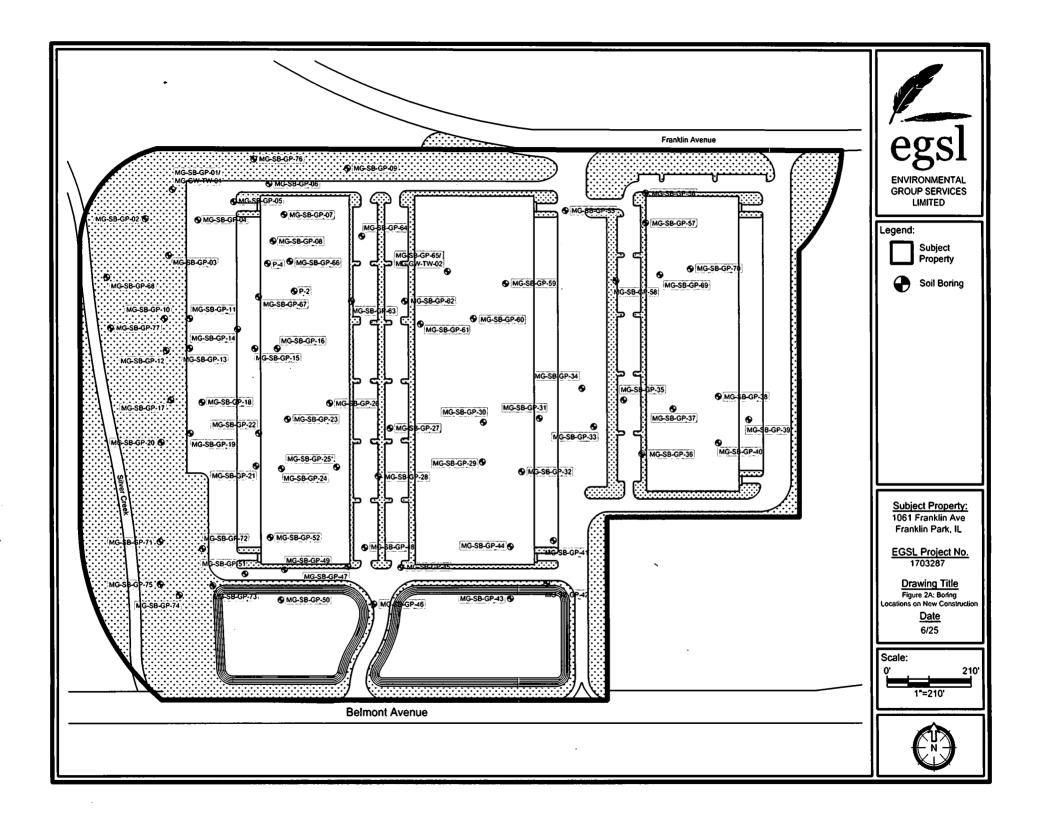


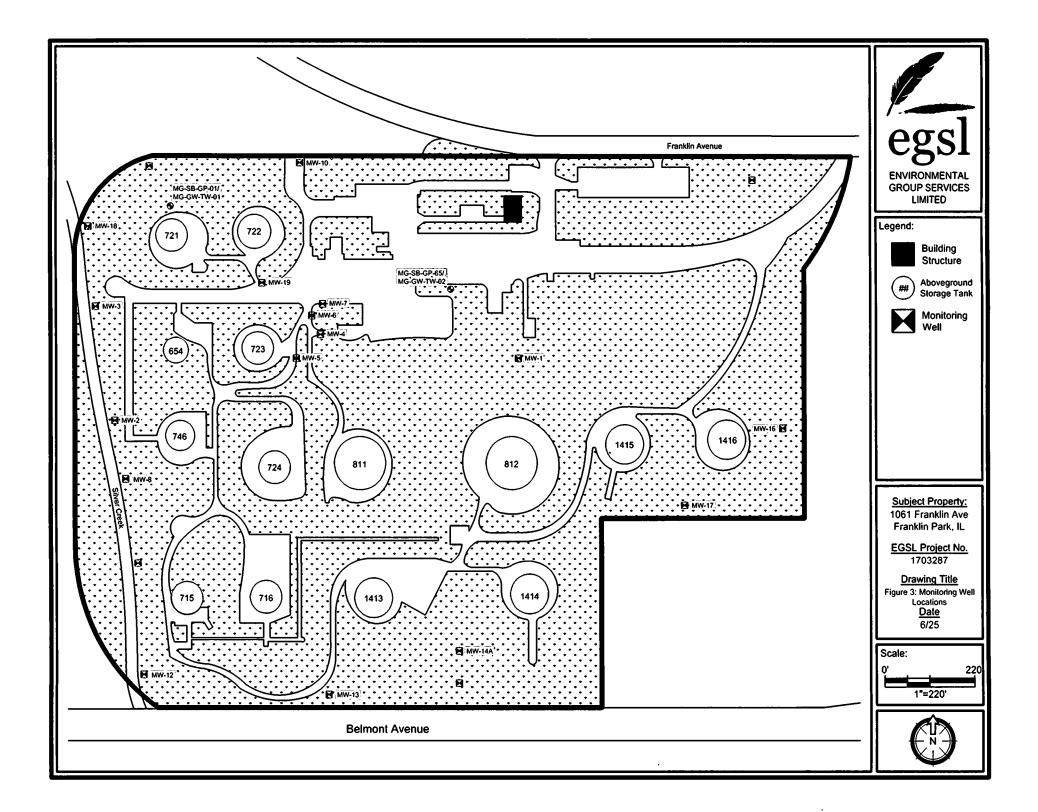
#### **APPENDIX A - Site Base Map**

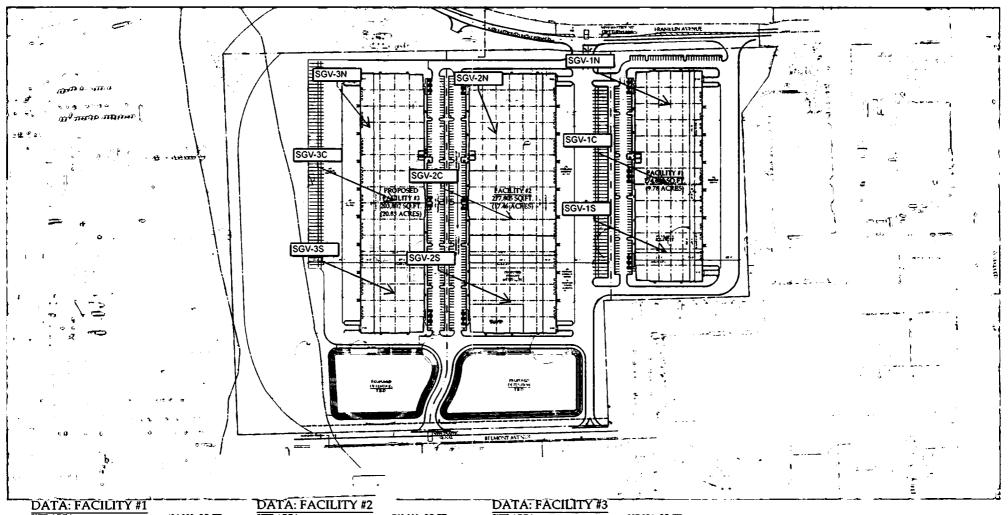












| A  |          |
|--|----------|
| DATA: FACILITY #1  | D        |
| SITE AREA: 426,389 SQ.FT. 9.78 ACRES   | Sr       |
| BUILDING AREA (GROSS): — 174,646 SQ. FT.  EXTERIOR DOCKS: — 27 DOCKS  FUTURE DOCKS: — 18 DOCKS  DRIVE-IN-DOORS: — 2 DOORS  TRAILER POSITIONS: — 0 POSITIONS  CAR PARKING: — 163 CARS | В        |
| CLEAR HEIGHT: 32 FEET F.A.R.: 41  SITE PLAN: 0 50 100 200 FEET   | CL<br>F. |

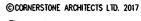
| DATA: FACILITY #2                                |              |                 |
|--|--------------|-----------------|
| SITE AREA:                                       | 760,000      | SQ.FT.<br>ACRES |
|  |              |                 |
| BUILDING AREA (GROSS): ———<br>EXTERIOR DOCKS:——— | - 277,805    | SQ.FT.          |
| FUTURE DOCKS:                                    | — 43<br>— 16 |                 |
| DRIVE-IN-DOORS-                                  | 2            | DOORS           |
| TRAILER POSITIONS:                               | 60           | POSITIONS       |
| CAR PARKING:                                     | —— 176       | CARS            |
| CLEAR HEIGHT:                                    | 32           | FEET            |
| F.A.R.: —  |              | .37             |
|  |              |                 |

|  | <u>••</u>         |                          |
|--|-------------------|--------------------------|
| DATA: FACILITY#3                                   |                   |                          |
| SITE AREA:   |                   | SQ.FT.<br>ACRES          |
| EXTERIOR DOCKS:—                                   | - 203,802<br>- 43 | SO.FT.<br>DOCKS<br>DOCKS |
| FUTURE DOCKS: ———————————————————————————————————— | 2<br>60           | DOORS<br>POSITIONS       |
| CAR PARKING:                                       | 176               | CARS                     |
| CLEAR HEIGHT: ———————————————————————————————————— | 32                | FEET<br>29               |

PROPOSED FACILITIES

10601 FRANKLIN AVENUE, FRANKLIN PARK, ILLINOIS

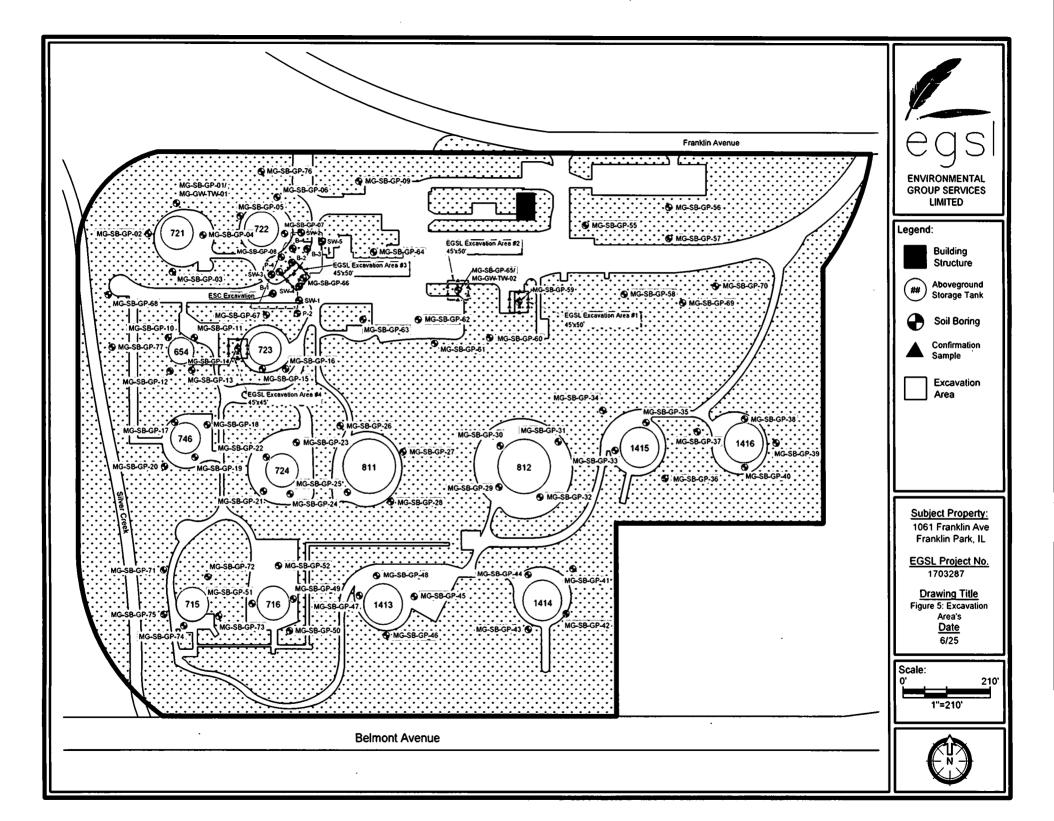
NOVEMBER 3, 2017 #17286

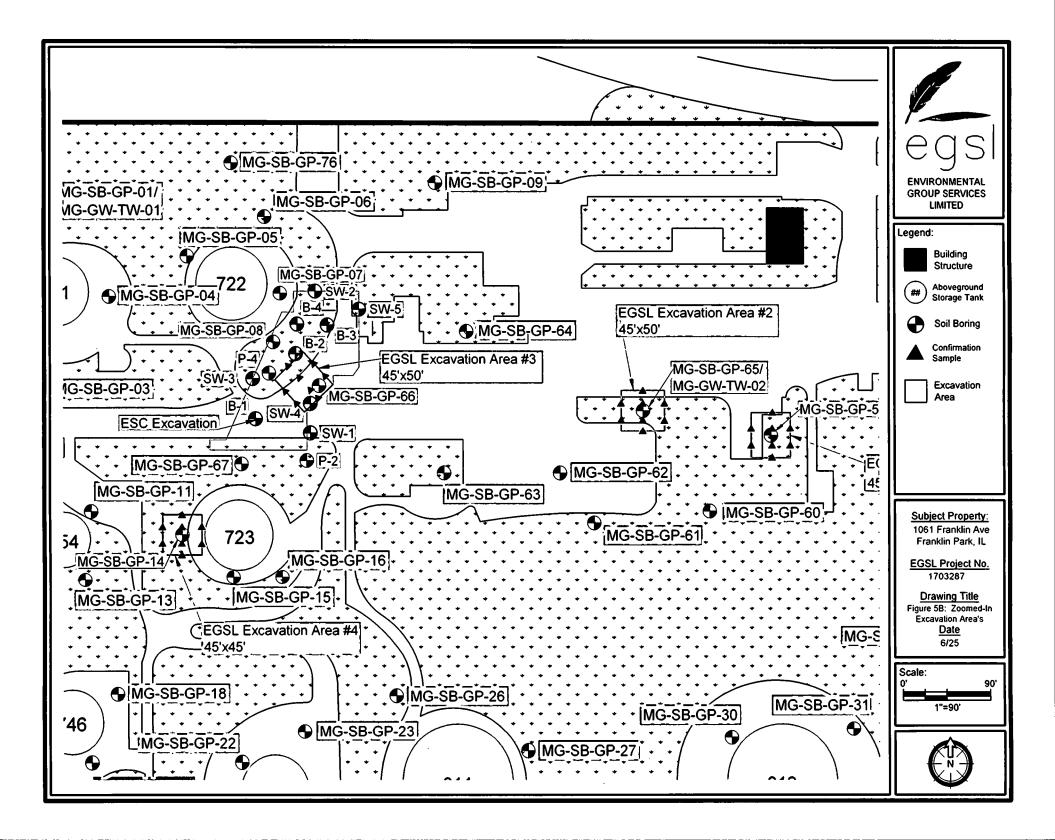


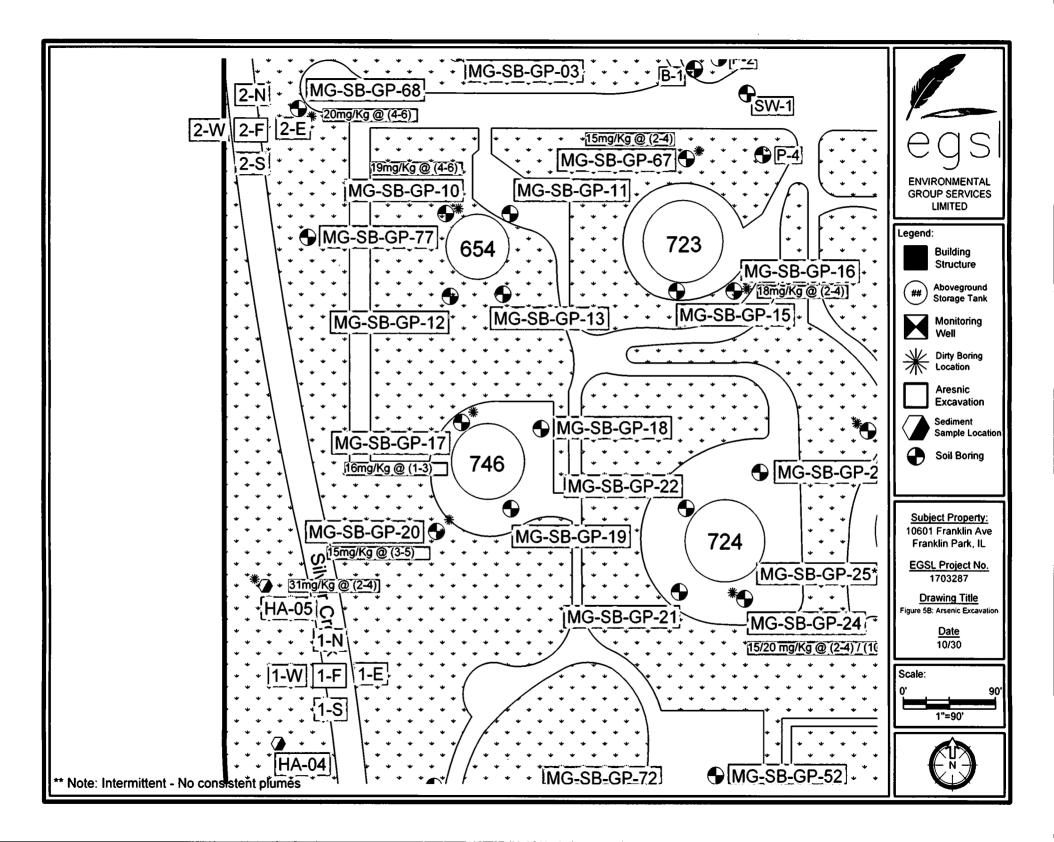


### **APPENDIX B – Excavation Maps**



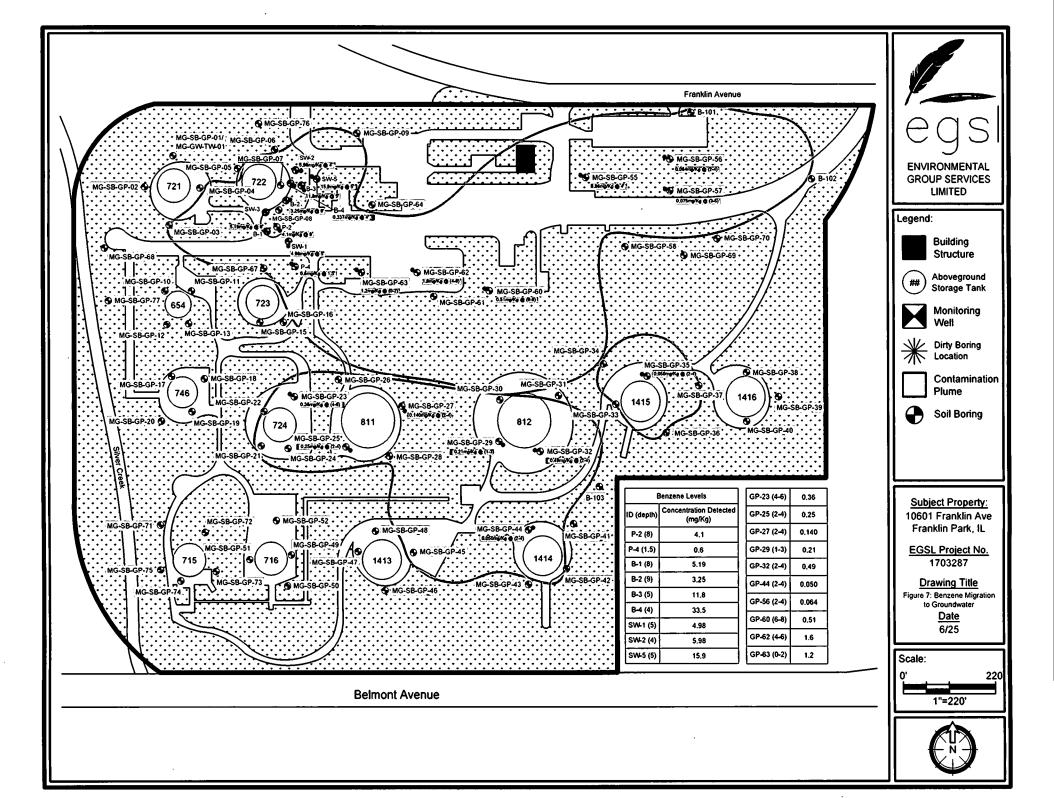


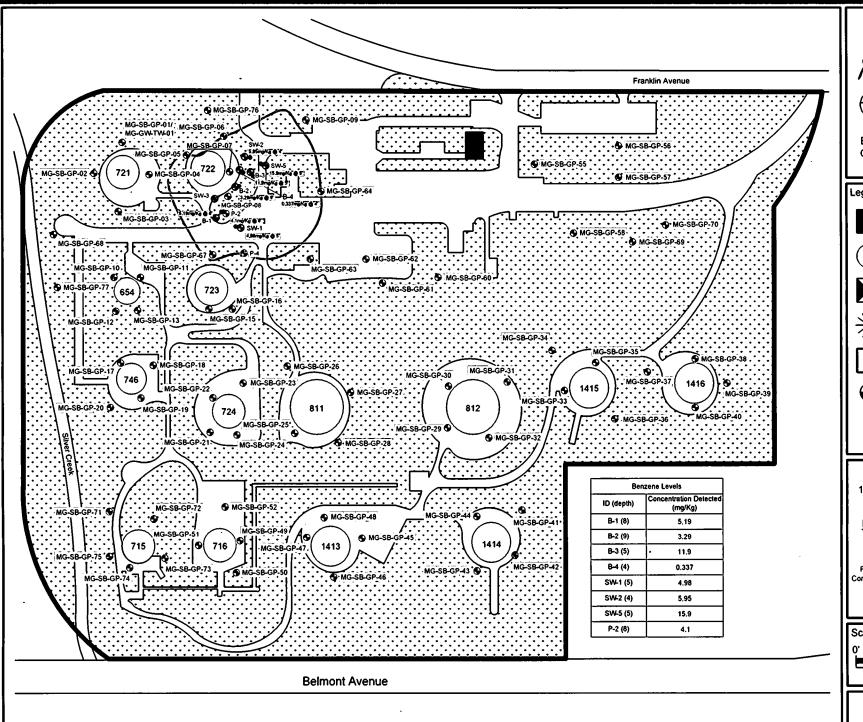




### **APPENDIX C – Contaminant Plume Maps**









#### Legend:



Building Structure

LIMITED



Aboveground Storage Tank



Monitoring Well



L Dirty Boring Location



Contamination Plume



Soil Boring

# **Subject Property:**

10601 Franklin Ave Franklin Park, IL

EGSL Project No. 1703287

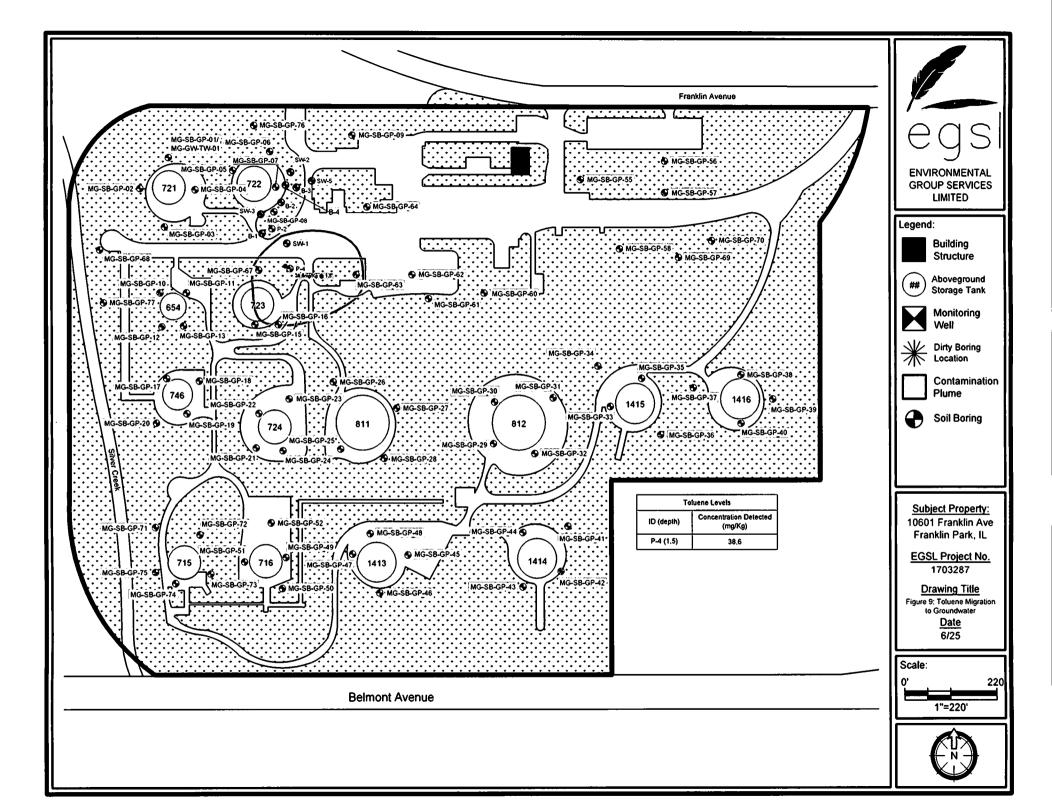
#### Drawing Title

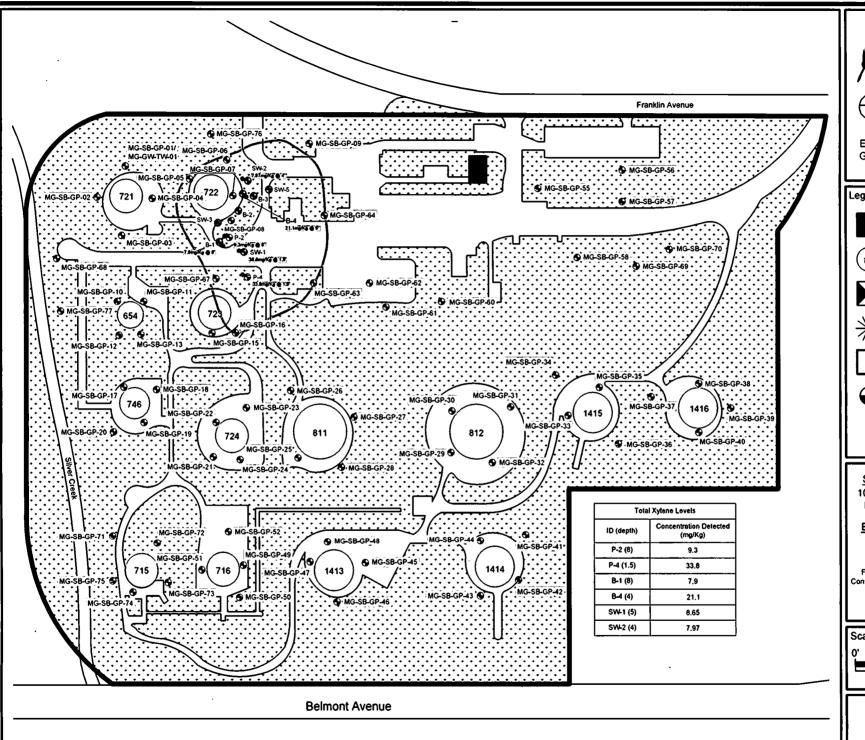
Figure 8: Benzene IC and Construction Worker Inhalation Date

















**Building** Structure



Aboveground Storage Tank



Monitoring Well



Dirty Boring Location



Contamination Plume



Soil Boring

Subject Property: 10601 Franklin Ave Franklin Park, IL

**EGSL Project No.** 1703287

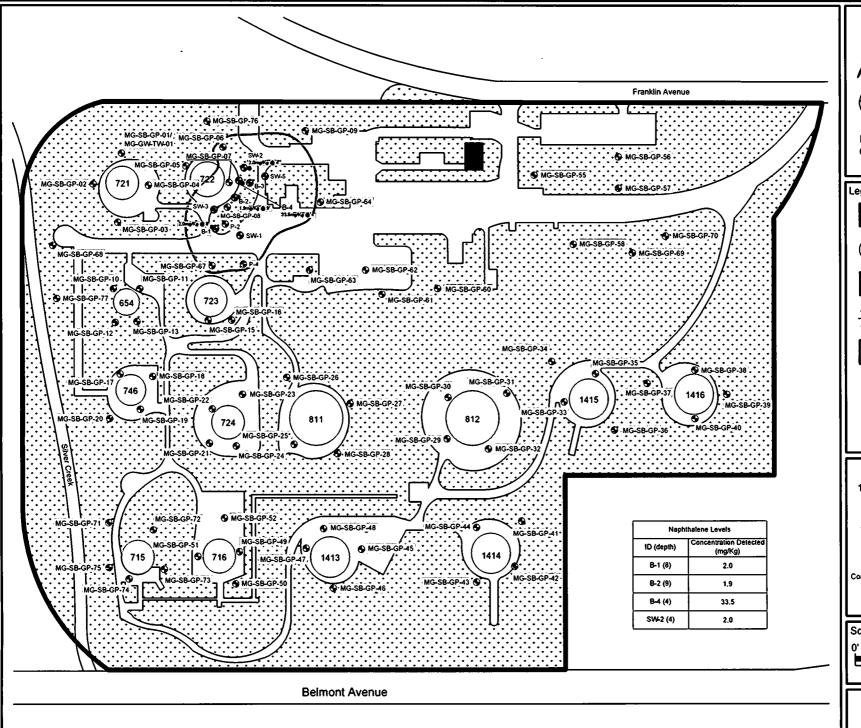
#### **Drawing Title**

Figure 10: Total Xylenes Construction Worker Inhalation Date











LIMITED

Legend:



Building Structure



Aboveground Storage Tank



Monitoring Well



Dirty Boring Location



Contamination Plume



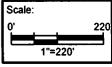
Soil Boring

**Subject Property:** 10601 Franklin Ave Franklin Park, IL

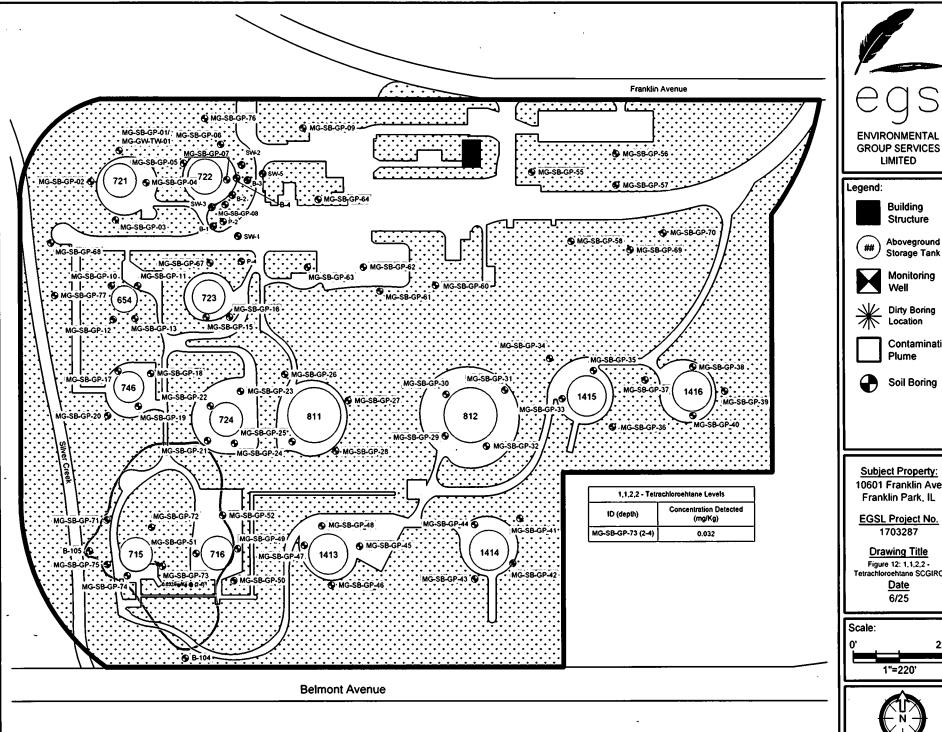
EGSL Project No. 1703287

### Drawing Title

Figure 11: Naphthalene Construction Worker Inhalation Date









Building Structure

Aboveground Storage Tank

Monitoring Well

Dirty Boring Location



Plume

Soil Boring

**Subject Property:** 10601 Franklin Ave Franklin Park, IL

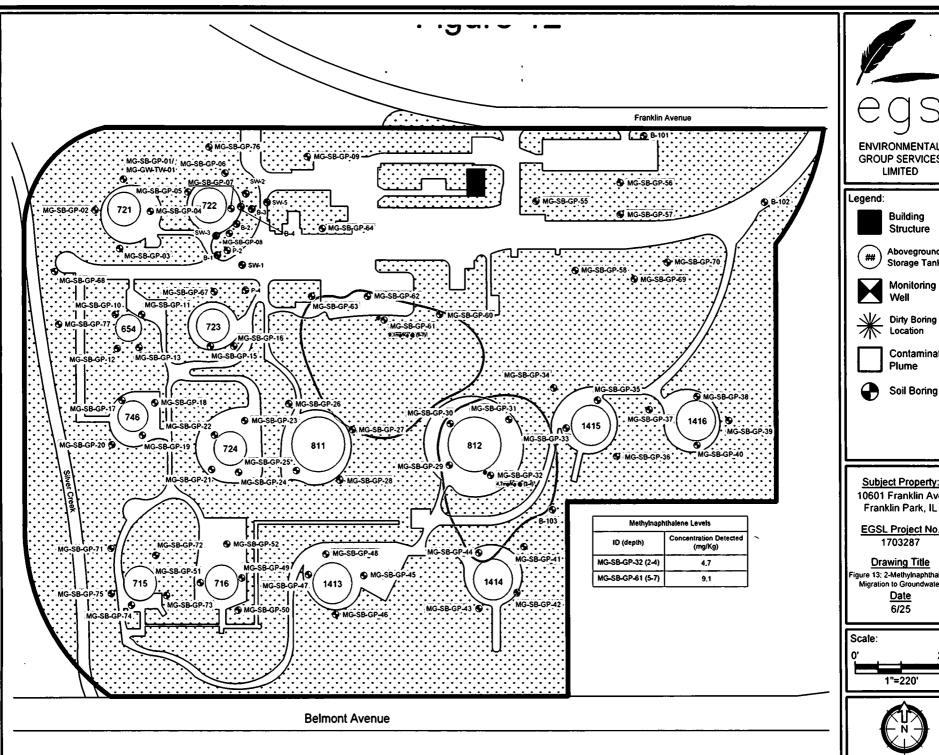
EGSL Project No. 1703287

### **Drawing Title**

Figure 12: 1,1,2,2 -Tetrachloroehtane SCGIRO Date









LIMITED





Building Structure



Aboveground Storage Tank



Monitoring Well



Dirty Boring Location



Contamination Plume



Soil Boring

**Subject Property:** 10601 Franklin Ave

EGSL Project No. 1703287

#### **Drawing Title**

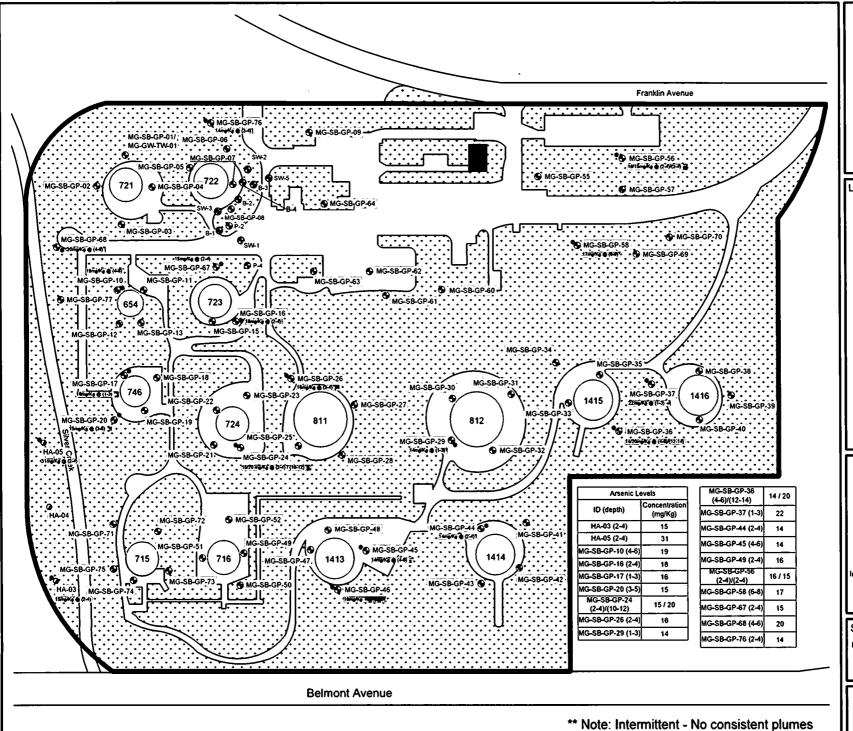
Figure 13: 2-Methylnaphthalene Migration to Groundwater

<u>Date</u> 6/25



1"=220"







LIMITED

#### Legend:



Building Structure



Aboveground Storage Tank



Monitoring Well



Dirty Boring Location



Contamination Plume



Sediment Sample Location



Soil Boring

Subject Property: 10601 Franklin Ave Franklin Park, IL

**EGSL Project No.** 1703287

### **Drawing Title**

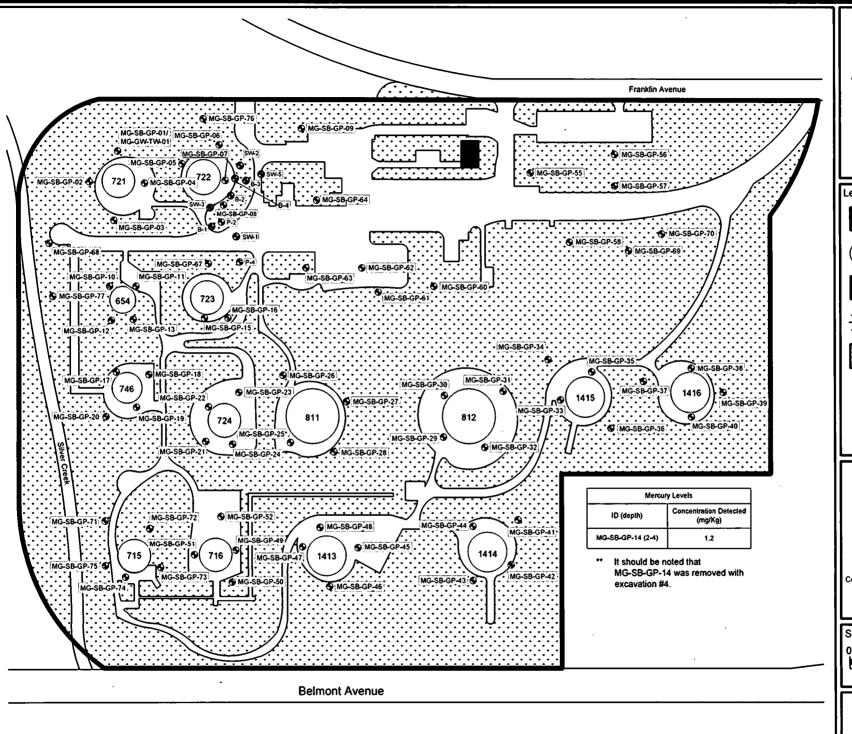
Figure 14: Arsenic Industrial/Commerical Ingestion <u>Date</u>

6/25



1"=220"







**ENVIRONMENTAL GROUP SERVICES** LIMITED

#### Legend:

Building Structure



Aboveground Storage Tank



Monitoring Well



Dirty Boring Location



Contamination Plume



Soil Boring

**Subject Property:** 10601 Franklin Ave Franklin Park, IL

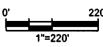
EGSL Project No. 1703287

### **Drawing Title**

Figure 15: Mercury Construction Worker Inhalation

> Date 6/25

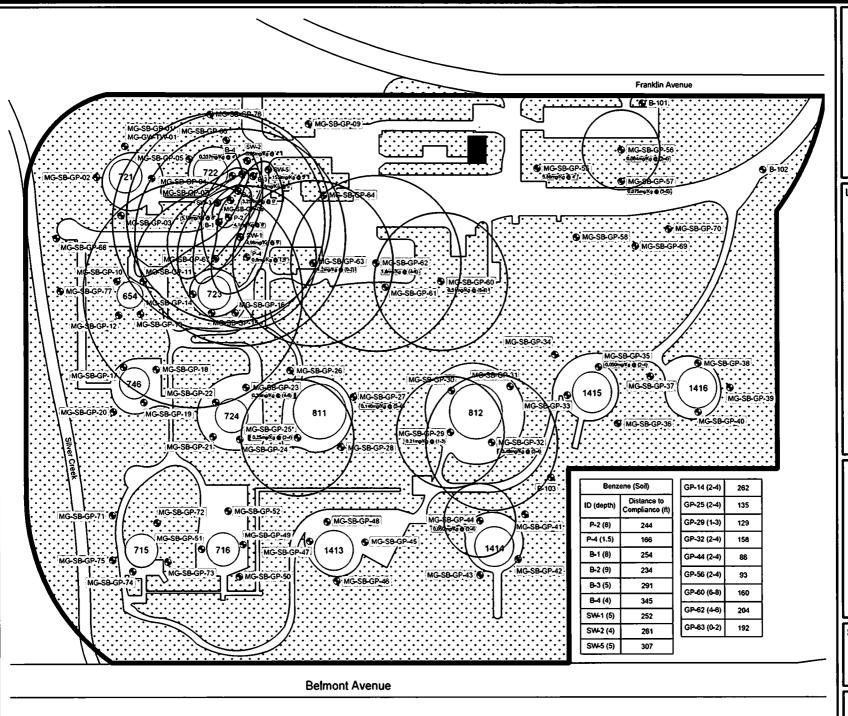
#### Scale:





# APPENDIX D - R-26 Modeling Map







Legend:



Soil Boring



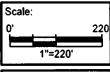
Benzene Compliance Distance

Subject Property: 10601 Franklin Ave Franklin Park, IL

EGSL Project No. 1703287

### **Drawing Title**

Figure 16: Soil to Class I Groundwater Modeling Date 6/25





### **APPENDIX E – Arsenic Excavation Documentation**



2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

November 09, 2018

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200 Fax: (312) 447-0922

Analytical Report for STAT Work Order: 18101083 Revision 1

RE: Franklin Park - Arsenic Conf.

Dear Bill Lennon:

STAT Analysis received 10 samples for the referenced project on 10/31/2018 1:57:00 PM. The analytical results are presented in the following report.

This report is revised to reflect changes made after the last report revision.

All analyses were performed in accordance with the requirements of 3.5 IAC part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

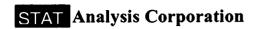
Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice/Kwateng

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entitles named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: November 09, 2018

Client: Environmental Group Services, Ltd.

Project: Franklin Park - Arsenic Conf.

Work Order: 18101083 Revision 1

# Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date        | Date Received |
|---------------|------------------|------------|------------------------|---------------|
| 18101083-001A | 1-N              |            | 10/30/2018 12:00:00 PM | 10/31/2018    |
| 18101083-002A | 1-E              |            | 10/30/2018 12:10:00 PM | 10/31/2018    |
| 18101083-003A | 1-S              |            | 10/30/2018 12:20:00 PM | 10/31/2018    |
| 18101083-004A | 1-W              |            | 10/30/2018 12:30:00 PM | 10/31/2018    |
| 18101083-005A | 1-F              |            | 10/30/2018 12:40:00 PM | 10/31/2018    |
| 18101083-006A | 2-N              |            | 10/30/2018 12:50:00 PM | 10/31/2018    |
| 18101083-007A | 2-E              |            | 10/30/2018 1:00:00 PM  | 10/31/2018    |
| 18101083-008A | 2-S              |            | 10/30/2018 1:10:00 PM  | 10/31/2018    |
| 18101083-009A | 2-W              |            | 10/30/2018 1:20:00 PM  | 10/31/2018    |
| 18101083-010A | 2-F              |            | 10/30/2018 1:30:00 PM  | 10/31/2018    |

Date: November 09, 2018

**CLIENT:** 

Environmental Group Services, Ltd.

Project:

Franklin Park - Arsenic Conf.

**Work Order:** 

18101083 Revision 1

**CASE NARRATIVE** 

At the customers request, sample 2-N (18101083-006) was re-digested and analyzed for total Arsenic. The results of the re-analysis are presented in this report.

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

| Date Reported: Date Printed:            | November 09, 2018<br>November 09, 2018                 | ANALYTICAL RESULTS  |
|---|--|---|
| Client: Project:                        | Environmental Group Serv<br>Franklin Park - Arsenic Co |   |
| Lab ID:<br>Client Sample ID<br>Analyses | 18101083-001<br>1-N                                    | Collection Date: 10/30/2018 12:00:00 PM  Matrix: Soil  Result RL Qualifier Units DF Date Analyzed                                   |
| Metals by ICP/MS Arsenic                | ,  | <b>SW6020A (SW3050B)</b> Prep Date: <b>11/6/2018</b> Analyst: <b>JG</b> 8.3 1.1 mg/Kg-dry 10 11/6/2018                              |
| Percent Moisture Percent Moisture       |  | D2974 Prep Date: 11/2/2018 Analyst: RW 19.7 0.2 * wt% 1 11/3/2018   |
| Lab ID:<br>Client Sample ID<br>Analyses | 18101083-002<br>1-E                                    | Collection Date: 10/30/2018 12:10:00 PM  Matrix: Soil  Result RL Qualifier Units DF Date Analyzed                                   |
| Metals by ICP/MS Arsenic                |  | SW6020A (SW3050B) Prep Date: 11/6/2018 Analyst: JG<br>6.6 1.1 mg/Kg-dry 10 11/6/2018  |
| Percent Moisture Percent Moisture       |  | D2974         Prep Date: 11/2/2018         Analyst: RW           19.5         0.2         * wt%         1         11/3/2018         |
| Lab ID:<br>Client Sample ID<br>Analyses | 18101083-003<br>1-S                                    | Collection Date: 10/30/2018 12:20:00 PM  Matrix: Soil  Result RL Qualifier Units DF Date Analyzed                                   |
| Metals by ICP/MS Arsenic                |  | <b>SW6020A (SW3050B)</b> Prep Date: <b>11/6/2018</b> Analyst: <b>JG</b> 10 1.1 mg/Kg-dry 10 11/7/2018                               |
| Percent Moisture Percent Moisture       |  | D2974         Prep Date: 11/2/2018         Analyst: RW           19.8         0.2         * wt%         1         11/3/2018         |
| Lab ID:<br>Client Sample ID<br>Analyses | 18101083-004<br>1-W                                    | Collection Date: 10/30/2018 12:30:00 PM  Matrix: Soil  Result RL Qualifier Units DF Date Analyzed                                   |
| Metals by ICP/MS Arsenic                |  | <b>SW6020A (SW3050B)</b> Prep Date: <b>11/6/2018</b> Analyst: <b>JG</b> 10 1.1 mg/Kg-dry 10 11/7/2018                               |
| Percent Moisture<br>Percent Moisture    |  | D2974         Prep Date: 11/2/2018         Analyst: RW           19.8         0.2         *         wt%         1         11/3/2018 |
|   |  |   |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

| Date Reported:<br>Date Printed:   | November 09, 2018<br>November 09, 2018 |  |             |           | ANAI                 | YTICAL                      | RESULT                          |
|-----------------------------------|--|--|-------------|-----------|----------------------|-----------------------------|---------------------------------|
|                                   |  | <del></del>                            |             |           |                      |                             |                                 |
| Client:                           | Environmental Group Se                 | -                                      |             | ,         | Work Order:          | 18101083                    | Revision 1                      |
| Project:                          | Franklin Park - Arsenic (              | oni.                                   |             |           | WORK Order:          | 10101003                    | Kevisioli 1                     |
| Lab ID:                           | 18101083-005                           |  |             | Col       | lection Date:        |                             | 2:40:00 PM                      |
| Client Sample ID                  | 1-F                                    |  |             |           | Matrix:              | Soil                        |                                 |
| Analyses                          |  | Result                                 | RL          | Qualifier | Units                | DF :                        | Date Analyzed                   |
| Metals by ICP/MS Arsenic          |  | <b>SW6020</b> A                        | ( <b>SV</b> | •         | Prep Da<br>mg/Kg-dry | ate: <b>11/6/2018</b><br>10 | Analyst: <b>JG</b><br>11/7/2018 |
| Percent Moisture Percent Moisture |  | <b>D2974</b><br>19.0                   | 0.2         | •         | Prep Da<br>wt%       | ate: <b>11/2/2018</b><br>1  | Analyst: <b>RV</b><br>11/3/2018 |
| Lab ID:                           | 18101083-006                           |  |             | Col       | lection Date:        | 10/30/2018 1                | 2:50:00 PM                      |
| Client Sample ID                  | 2-N                                    |  |             |           | Matrix:              | Soil                        |                                 |
| Analyses                          |  | Result                                 | RL          | Qualifier | Units                | DF                          | Date Analyzed                   |
| Metals by ICP/MS Arsenic          |  | SW6020A                                | (SW         | /3050B)   | Prep Di<br>mg/Kg-dry | ate: <b>11/7/2018</b><br>10 | Analyst: <b>JG</b><br>11/8/2018 |
| Percent Moisture Percent Moisture |  | <b>D2974</b><br>19.4                   | 0.2         | •         | Prep Down            | ate: <b>11/2/2018</b><br>1  | Analyst: <b>RV</b><br>11/3/2018 |
| Lab ID:                           | 18101083-007                           | ······································ |             | Col       | lection Date:        | 10/30/2018 1                | :00:00 PM                       |
| Client Sample ID                  | 2-E                                    |  |             |           | Matrix:              | Soil                        |                                 |
| Analyses                          |  | Result                                 | RL          | Qualifier | Units                | DF                          | Date Analyzed                   |
| Metals by ICP/MS Arsenic          |  | SW6020A                                | (SW         | /3050B)   | Prep D<br>mg/Kg-dry  | ate: <b>11/6/2018</b><br>10 | Analyst: <b>JG</b><br>11/7/2018 |
| Percent Moisture Percent Moisture |  | <b>D2974</b><br>19.6                   | 0.2         | •         | Prep D<br>wt%        | ate: <b>11/2/2018</b><br>1  | Analyst: <b>RV</b><br>11/3/2018 |
| Lab ID:                           | 18101083-008                           |  |             | Col       | lection Date:        | 10/30/2018 1                | :10:00 PM                       |
| Client Sample ID                  | 2-S                                    |  |             |           | Matrix:              | Soil                        |                                 |
| Analyses                          |  | Result                                 | RL          | Qualifier | Units                | DF                          | Date Analyzed                   |
| Metals by ICP/MS Arsenic          |  | <b>SW6020</b> A                        | (SW         | /3050B)   | Prep D<br>mg/Kg-dry  | ate: <b>11/6/2018</b><br>10 | Analyst: <b>JG</b><br>11/7/2018 |
|                                   |  | D2974                                  |             |           | Prep D               | ate: 11/2/2018              | Analyst: RV                     |

ND - Not Detected at the Reporting Limit Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range H - Holding time exceeded

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| Date Reported:<br>Date Printed:   | November 09, 2018<br>November 09, 2018 |                       |     |           | ANA               | LYTICAI                       | L RESULTS                         |
|-----------------------------------|--|-----------------------|-----|-----------|-------------------|-------------------------------|-----------------------------------|
| Client:                           | Environmental Group Serv               | rices, Ltd.           |     |           |                   |                               |                                   |
| Project:                          | Franklin Park - Arsenic Co             | nf.                   |     | ,         | Work Orde         | r: 18101083 ·                 | Revision 1                        |
| Lab ID:                           | 18101083-009                           | · -                   |     | Col       | lection Dat       | e: 10/30/2018                 | 1:20:00 PM                        |
| Client Sample ID                  | 2-W                                    |                       |     |           | Matri             | x: Soil                       |                                   |
| Analyses                          |  | Result                | RL  | Qualifier | Units             | DF                            | Date Analyzed                     |
| Metals by ICP/MS Arsenic          |  | <b>SW6020A</b>        | (SW | /3050B)   | Prep<br>mg/Kg-dry | Date: <b>11/5/201</b> 8<br>10 | 8 Analyst: <b>JG</b><br>11/6/2018 |
| Percent Moisture Percent Moisture |  | <b>D2974</b><br>19.4  | 0.2 | ٠         | Prep<br>wt%       | Date: <b>11/2/201</b> 8<br>1  | 8 Analyst: RW<br>11/3/2018 ·      |
| Lab ID:                           | 18101083-010                           |                       | -   | Col       | llection Dat      | e: 10/30/2018                 | 1:30:00 PM                        |
| Client Sample ID                  | 2-F                                    |                       |     |           | Matri             | x: Soil                       |                                   |
| Analyses                          |  | Result                | RL  | Qualifier | Units             | DF                            | Date Analyzed                     |
| Metals by ICP/MS Arsenic €        |  | <b>SW6020A</b><br>4.1 | (SW | /3050B)   | Prep<br>mg/Kg-dry | Date: <b>11/5/201</b> 0<br>10 | 8 Analyst: <b>JG</b><br>11/6/2018 |
| Percent Moisture                  |  | D2974                 |     |           | Prep              | Date: 11/2/2018               | 8 Analyst: RW                     |

0.2

20.4

Qualifiers:

Percent Moisture

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

11/3/2018

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

wt%

Analysis Corporation
2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com

| Project Number: Client Tracking No.:                          |                 |          |               |  |          |            |   |       |               | ₽.(        | ). No.:             |                         |  | 1        |     |    |                |              |          |              | Pag                 |             | of                          |       |
|---|-----------------|----------|---------------|--|----------|------------|---|-------|---------------|------------|---------------------|-------------------------|--|----------|-----|----|----------------|--------------|----------|--------------|---------------------|-------------|-----------------------------|-------|
|   | - 40            | 16.      |               | Clien  | t Trac   | king       | No.:  |       |               | <b> </b> _ |                     |                         |  | 1        |     | /  | $\overline{}$  | 7            | 7        | 77           | 77                  | 77          | 77                          |       |
| Project Name: FRANKLIN PARK - ARJENIC CONF. Project Location: |                 |          |               |  |          |            |   | Qu    | ote No        | :          |                     |                         | ,  | //       | //  | /  | /              | //           |          | //           | ///                 | / \         |                             |       |
| Sampler(s):   |                 |          |               |  |          |            |   |       |               | L          |                     |                         |  |          | /,  | // | //             | /            |          | //           | ///                 | //          | ///                         | /     |
| Report To: Bill (EA). Com                                     |                 |          | Di            |  |          |            |   |       |               | 1          |                     |                         |  | -/       | /   | // | //             | /            | /        | //           | ///                 | //,         | //                          | i     |
|   |                 |          | Phone:        |  |          |            |   |       |               | 1          |                     |                         | /  | //       | /   | // | //             | //           | /        | //           | ///                 | //,         | /                           | I     |
| QC Level: 1 2 3   | 1               |          | Fax:          |  |          |            |   |       |               |            |                     |                         | //   | //       | /   | // | //             | /            | /        | //           |                     |             | Tum Ard                     | and:  |
|   | 1               |          | e-mail:       | -  | _        | -          | _   |       |               | ĺ          | 1                   | 216                     | //   | //       | /   | // | //             | /            | /        | //           | // /                | <u>/ S7</u> | $\mathcal{D}_{\mathcal{L}}$ |       |
| Client Sample Number/Description:                             | Date T          | aken     | Time<br>Taken | Matrix   | Comp.    | gag<br>Pag | Preserv.  | No.   |               |            |                     |                         | //   | //       | /   | // | //             | //           | //       | //           | //`                 | <u></u>     | Results Nee                 | rded: |
| 1-N   | 10/3            |          | <b></b>       |  | <u>°</u> | 6          | £   | Conta | iners         |            |                     | //                      | //   | //       |     | // | //             | /            | /        | //           |                     |             |                             | n/pm  |
| 1-E   | <del>1///</del> | <u> </u> | 1200          | 5  | +-       | X          |   |       |               | ×          |                     | $\perp$                 |  |          | 7   | -  | <del>/</del> 1 | $\leftarrow$ | 4        | <del></del>  | Rema                | rks         |                             |       |
| 1-5   | 1-1             |          | 1910<br>1920  | -+   | +        | $\vdash$   | Щ.  |       |               | 4          |                     | $oldsymbol{\mathbb{L}}$ |  |          |     | 1  | †              | ᅱ            | -+       |              |                     |             | Land Control                |       |
| 1-ω   |                 |          | 1230          | <del>                                     </del> | +-       | H          | -   |       |               | Н-         | $\vdash \downarrow$ | 4                       | L  |          |     |    | 1-1            | 7            | $\neg$   | <del> </del> |                     |             | 477                         |       |
| 1-F   |                 |          | 1240          | <del>-  </del>                                   | +-       | Н          |   |       |               | Н-         | $\vdash \downarrow$ | 4_                      | _  |          |     |    |                | 寸            | $\dashv$ | +            |                     |             |                             |       |
| 2-N   |                 |          | 1250          |  | ╁╾       | Н          |   |       |               | Η.         | $\vdash \vdash$     | 1                       | _  |          |     |    |                | $\neg$       | _        | _            |                     |             | ្រ្តទំប<br>Dangerong        |       |
| J-F   |                 |          | 1300          | -  | +        | Н          |   |       |               | Щ.         | <b>—</b>            |                         |  |          |     |    |                | _            | $\neg$   | +            |                     |             |                             | a d   |
| <u> </u>  |                 |          | 1310          | +  | +-       | +-         |   | }     |               | Ц.,        |                     | <u> </u>                | _  |          |     | T  |                | 7            | 7        | +-           |                     |             | Table Table                 | 11/2  |
| J-W   |                 |          | 1320          |  | +-       | H          |   |       |               | 4          | -                   |                         |  |          |     |    |                | 7            | _        | 1-           |                     |             | 100 mm                      |       |
| a-F   | $\Gamma$ 1      |          | /330          | <b>→</b>   | ┼        | $\forall$  | -   |       | $\overline{}$ |            | <u>-</u>            |                         | ↓  |          |     |    |                |              | _        | _            |                     |             |                             |       |
|   |                 |          |               |  | 1        | 7          |   |       | -             | Y          |                     | +-                      | <u> </u>   |          |     |    |                |              |          | †            |                     |             | in the second               |       |
|   |                 |          |               |  |          |            |   |       | -             | -          |                     | ┿                       | <del>                                     </del> | <b>-</b> |     |    |                |              |          |              |                     |             |                             |       |
|   | <u> </u>        |          |               |  |          |            |   |       |               | -          |                     | ┽—                      | -  | $\vdash$ |     |    |                |              |          |              |                     |             |                             |       |
|   | ╀               |          |               |  |          |            | _   |       | $\dashv$      | _          |                     | +-                      |  | $\vdash$ |     |    |                | $\perp$      |          |              |                     |             | ALC:                        |       |
|   | <del> </del>    |          |               |  |          |            | $\neg$  |       | $\neg$        | $\neg$     |                     | +-                      |  |          | -   | 4  |                |              |          |              |                     |             |                             |       |
|   | <del> </del> -  |          |               |  |          |            | $\neg$  |       | 7             |            | -                   | +-                      | ┞─┤  | -        |     |    | -              | _            |          |              |                     |             | 17 T                        |       |
|   | ├               | $\dashv$ |               |  |          |            |   |       |               | $\neg$     | _                   | ┿                       | $\vdash$   |          | - - |    |                | 4            | 4        |              |                     |             |                             |       |
|   | ├               |          |               |  | $\vdash$ |            |   |       |               |            |                     | T                       | t  | -+       | +   | +- | ╀              | +            | - -      | <del></del>  |                     |             |                             |       |
|   | ├               |          |               |  | $\sqcup$ | _          |   |       |               |            |                     | 1                       | $\vdash$   | -+       |     | +- | ┝╌┼            | +            |          | <del></del>  |                     |             |                             |       |
| delinquished by: (Signature)                                  | <del></del>     |          |               |  |          |            |   |       |               |            |                     | 1                       | М  | +        | ╁   | +- | ┝╼┼            | +            | +        | +            |                     |             |                             | 32.61 |
| deceived by: (Signature)                                      | <del></del>     |          |               | Date/  | Time:    | 10/        | 1/1   | 3 12  | YY .          | Com        | nents:              |                         |  |          |     |    |                |              |          | ļ.,          |                     |             | 712                         |       |
| delinquished by: (Signature)                                  | 4               |          |               | Date/  | Time:    | 10         | الكا  | 18    | 13            | . س        | 7                   |                         |  |          |     | 18 | 101            | 0            | 33       | Section.     | 1.17                | Section 1   | Year                        |       |
| eceived by: (Signature)                                       |                 |          |               | Date/  | Time:    |            |   | 10    | ***           | د،         | 1                   |                         |  |          |     |    |                |              |          |              |                     |             |                             | ŕ     |
| elinquished by: (Signature)                                   |                 |          |               | Date/  | lime:    |            |   |       | $\neg$        |            |                     |                         |  |          |     |    |                |              |          | Mark         | i eft.<br>Castena i |             |                             |       |
|   |                 |          |               | Date/  | lime:    |            |   |       | 7             | Da         |                     |                         |  |          |     |    |                |              |          | , D.         | The partie          | 7           |                             |       |
| Date/Ti-  |                 |          |               |  |          |            | Preservation Code: A = None B = HNO <sub>3</sub> C = NaOH  D = H <sub>2</sub> SO <sub>4</sub> E = HCl F = 5035/EnCore G = Other |       |               |            |                     |                         |  |          |     |    |                |              |          |              |                     |             |                             |       |

# Sample Receipt Checklist

| Client Name EGSL  |                  | Date and Tim | e Received:  | 10/31/2018 1:57:00 PM |
|---|------------------|--------------|--------------|-----------------------|
| Work Order Number 18101083                                      |                  | Received by: | EAA          |                       |
| Checklist completed by: 40 / Signature Date                     | 131/18           | Reviewed by: | A. J.        | ///ot// Ø             |
| Matrix: Carrier name  | Client Delivered |              |              |                       |
| Shipping container/cooler in good condition?                    | Yes 🗹            | No 🗆         | Not Present  |                       |
| Custody seals intact on shippping container/cooler?             | Yes 🗌            | No 🗌         | Not Present  |                       |
| Custody seals intact on sample bottles?                         | Yes 🗌            | No 🗆         | Not Present  |                       |
| Chain of custody present?                                       | Yes 🗹            | No 🗆         |              |                       |
| Chain of custody signed when relinquished and received?         | Yes 🗹            | No 🗆         |              |                       |
| Chain of custody agrees with sample labels/containers?          | Yes 🗹            | No 🗆         |              |                       |
| Samples in proper container/bottle?                             | Yes 🗹            | No 🗆         |              |                       |
| Sample containers intact?                                       | Yes 🗹            | No 🗌         |              |                       |
| Sufficient sample volume for indicated test?                    | Yes 🗹            | No 🗆         |              |                       |
| All samples received within holding time?                       | Yes 🗹            | No 🗆         |              |                       |
| Container or Temp Blank temperature in compliance?              | Yes 🗹            | No 🗆         | Temperatur   | e 4.8 °C              |
| Water - VOA vials have zero headspace? No VOA vials subm        | nitted 🛍         | Yes 🖪        | No 🖭         |                       |
| Water - Samples pH checked?                                     | Yes 🖺            | No 🕮         | Checked by:  |                       |
| Water - Samples properly preserved?                             | Yes 🕮            | No 🚇         | pH Adjusted? | i i                   |
| Any No response must be detailed in the comments section below. | =====            |              |              |                       |
| Comments:   |                  | ·            |              |                       |
|   | ·                | ·            |              |                       |
|   |                  |              |              |                       |
| Client / Person Date contacted:                                 | :                | Contac       | cted by:     |                       |
| Response:   |                  | <del></del>  |              |                       |
|   |                  |              |              |                       |

### **Justice Kwateng**

From: Bill Lennon [Bill@egsl.com]

Sent: Wednesday, November 07, 2018 3:04 PM

To: Justice Kwateng; Mary Cappellini

Subject: RE: Franklin Park - Arsenic Conf. STAT 18101083

Thank you, please re-run Sample 2-N, standard TAT



Bill Lennon
EGSL
557 West Polk Street Suite
201
Chicago, IL 60607
t. 312.447.1200 x315
f. 312.447.0922
bill@egsl.com
www.egsl.com

From: Justice Kwateng < JKwateng@STATAnalysis.com>

Sent: Wednesday, November 7, 2018 3:02 PM

To: Bill Lennon <Bill@egsl.com>; Mary Cappellini <Mary@egsl.com>

Subject: Franklin Park - Arsenic Conf. STAT 18101083

Please find the attached report and invoice for your Franklin Park - Arsenic Conf. project. STAT 18101083

Thank you for choosing STAT for your testing needs.

In an effort to increase efficiency and conserve resources, STAT Analysis has adopted paperless reporting. The attached pdf files can be printed as the final copy. You will not receive a hardcopy in the mail.

#### Best Regards,

Justice Kwateng STAT Analysis Corporation (312)733-0551

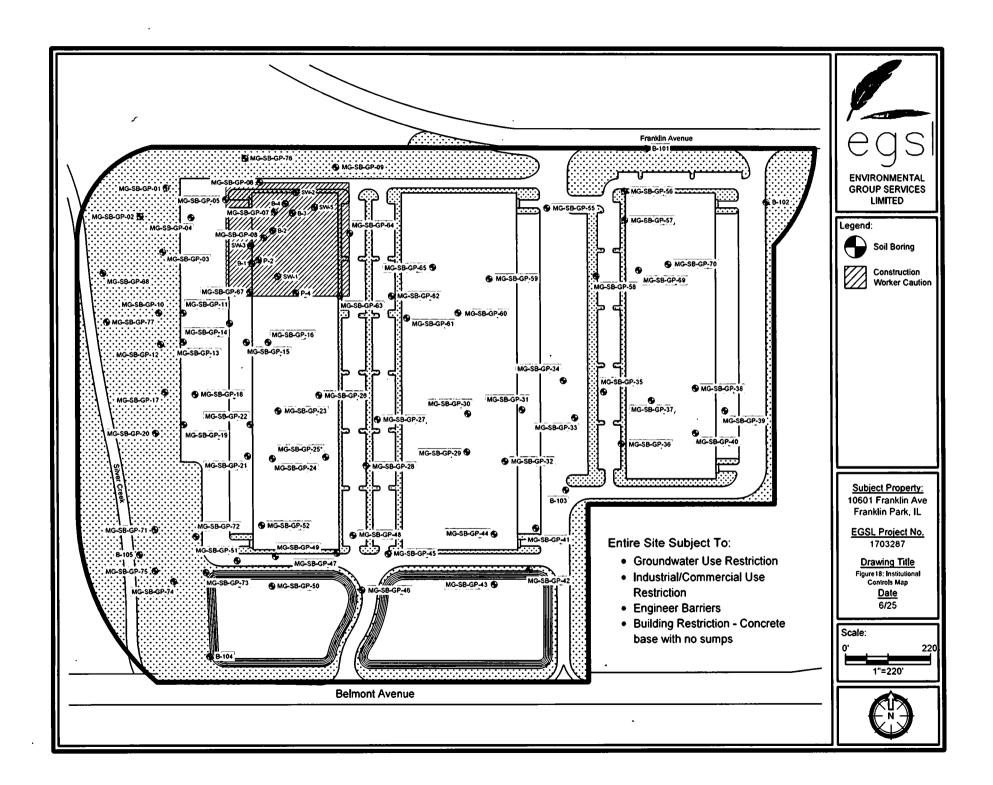
The information contained in this e-mail message and any attachments is confidential information intended only for the use of the individual or entities named above. If the reader of this message is not the intended recipient you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by e-mail at the originating address.

<<18101083(EGSL)Rev0.pdf>> <<18101083(EGSL)Rev0.xls>> <<18101083(EGSL)Rev0\_Invoice.pdf>> <<18101083(EGSL)Rev0\_TACOind.xls>> <<18101083(EGSL)Rev0\_TACOres.xls>>

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

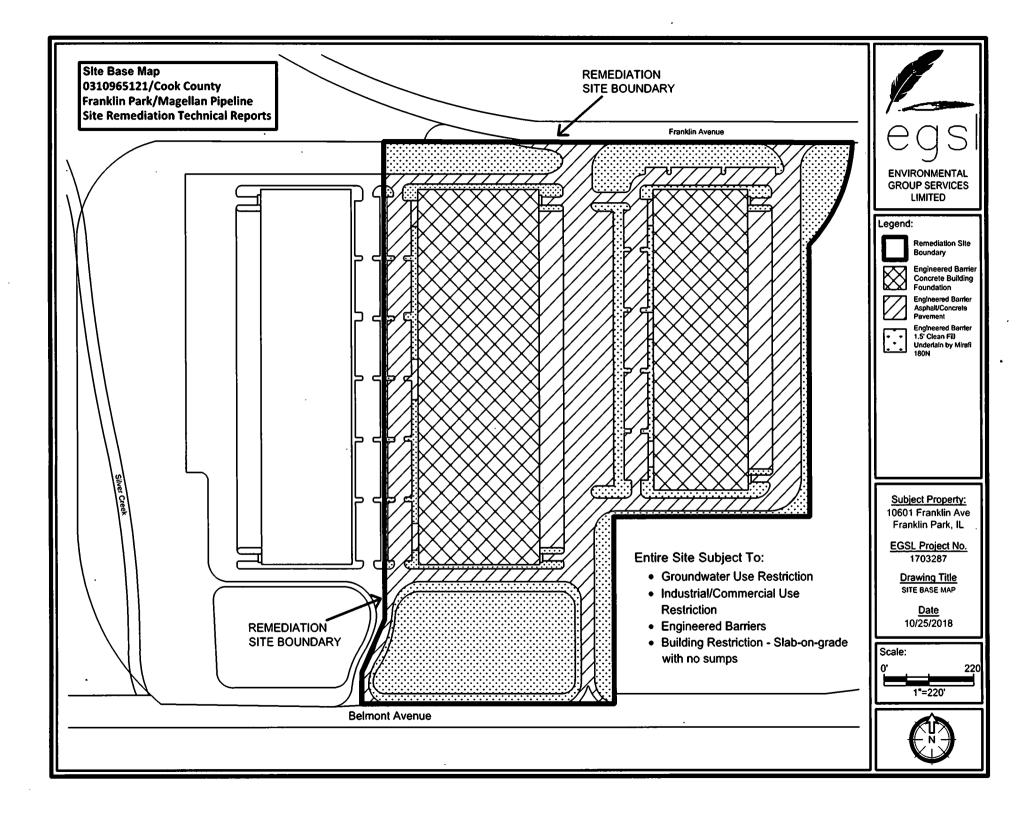
### **APPENDIX F – Institutional Controls Documentation**





# APPENDIX G – Final Site Base Map, PIN & Legal Description





#### **LOT 1 – BRIDGE POINT FRANKLIN PARK SUBDIVISION LEGAL DESCRIPTION**

LOT 1 IN BRIDGE POINT FRANKLIN PARK SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 25, 2018 AS DOCUMENT 1820619201, IN COOK COUNTY, ILLINOIS.

#### ALSO DESCRIBED AS FOLLOWS:

THAT PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 1 IN LAPHROP STAR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 24, 1997 AS DOCUMENT 9779220 BEING ALSO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE AS DEDICATED PER DOCUMENT 17808231; THENCE ALONG THE WESTERLY LINE OF LOT 1 AND LOT 2 IN SAID LAPHROP STAR SUBDIVISION FOR THE FOLLOWING 3 COURSES: 1) THENCE SOUTH 16 DEGREES 15 MINUTES 39 SECONDS WEST, A DISTANCE OF 105.15 FEET; 2) THENCE SOUTH 36 DEGREES 51 MINUTES 19 SECONDS WEST, A DISTANCE OF 635.66 FEET TO THE NORTH LINE OF THE SOUTH 13 ACRES OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 27 MINUTES 38 SECONDS WEST ALONG SAID NORTH LINE, A DISTANCE OF 490.09 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 07 SECONDS EAST, A DISTANCE OF 860.53 FEET TO THE SOUTH RIGHT-OF-WAY OF SAID FRANKLIN AVENUE; THENCE NORTH 88 DEGREES 29 MINUTES 01 SECONDS EAST, A DISTANCE OF 590.53 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

CONTAINING 425,370 SQUARE FEET OR 9.765 ACRES MORE OR LESS.

The PIN for the entire site is 12-20-401-020.

#### **LOT 2 – BRIDGE POINT FRANKLIN PARK SUBDIVISION LEGAL DESCRIPTION**

LOT 2 IN BRIDGE POINT FRANKLIN PARK SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 25, 2018 AS DOCUMENT 1820619201, IN COOK COUNTY, ILLINOIS.

#### ALSO DESCRIBED AS FOLLOWS:

THAT PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 1 IN LAPHROP STAR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 24, 1997 AS DOCUMENT 9779220 BEING ALSO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE AS DEDICATED PER DOCUMENT 17808231; THENCE SOUTH 88 DEGREES 29 MINUTES 01 SECONDS WEST ALONG SAID SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE, A DISTANCE OF 590.53 FEET TO THE POINT OF BEGINNING: THENCE SOUTH 00 DEGREES 00 MINUTES 07 SECONDS WEST, A DISTANCE OF 860.53 FEET TO THE NORTH LINE OF THE SOUTH 13 ACRES OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 27 MINUTES 38 SECONDS WEST ALONG SAID NORTH LINE, A DISTANCE OF 27.35 FEET TO THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER AS MONUMENTED AND OCCUPIED; THENCE SOUTH 02 DEGREES 03 MINUTES 52 SECONDS EAST ALONG SAID WEST LINE, A DISTANCE OF 428.55 FEET TO SOUTH LINE OF SAID SOUTHEAST QUARTER BEING ALSO THE NORTH RIGHT-OF-WAY OF BELMONT AVENUE AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 30 MINUTES 32 SECONDS WEST ALONG SAID SOUTH LINE, A DISTANCE OF 634.11 FEET; THENCE NORTH 00 DEGREES 31 MINUTES 23 SECONDS WEST, A DISTANCE OF 45.45 FEET TO A TANGENT CURVE; THENCE NORTHERLY ALONG SAID TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 67.50 FEET SUBTENDING A CHORD BEARING NORTH 05 DEGREES 57 MINUTES 57 SECONDS WEST, AN ARC DISTANCE OF 15.29 FEET TO A RADIAL CURVE; THENCE NORTHERLY ALONG SAID RADIAL CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 169.00 FEET SUBTENDING A CHORD BEARING NORTH 22 DEGREES 07 MINUTES 47 SECONDS EAST, AN ARC DISTANCE OF 57.07 FEET TO A POINT OF REVERSE CURVATURE: THENCE NORTHERLY ALONG SAID REVERSE CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 243.00 FEET SUBTENDING A CHORD BEARING NORTH 15 DEGREES 54 MINUTES 09 SECONDS EAST, AN ARC DISTANCE OF 134.89 FEET TO A TANGENT LINE; THENCE NORTH 00 DEGREES 00 MINUTES 02 SECONDS EAST, A DISTANCE OF 1066.47 FEET; THENCE NORTH 89 DEGREES 09 MINUTES 32 SECONDS EAST, A DISTANCE OF 365.93 FEET TO SAID SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE BEING A POINT ON A CURVE; THENCE EASTERLY ALONG SAID CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 1519.41 FEET SUBTENDING A CHORD BEARING SOUTH 87 DEGREES 46 MINUTES 27 SECONDS EAST, AN ARC DISTANCE OF 198.49 FEET TO A TANGENT LINE; THENCE NORTH 88 DEGREES 29 MINUTES 01 SECONDS EAST ALONG SAID TANGENT LINE BEING ALSO SAID SOUTHERLY RIGHT-OF-WAY LINE OF FRANKLIN AVENUE, A DISTANCE OF 22.67 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

CONTAINING 761,961 SQUARE FEET OR 17.492 ACRES MORE OR LESS.

The PIN for the entire site is 12-20-401-020.

# **APPENDIX H – Landscaping TCL Analytical Data**



Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003 19010565-004 19010565-005

Client Sample ID: A-1 A-2 A-3 A-4 A-5

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45 01/22/2019 07:00

|            |                           |           | loute Specific | •         | ic Values for | Groundwat  | _        |          |          |          |          |          |
|------------|---------------------------|-----------|----------------|-----------|---------------|------------|----------|----------|----------|----------|----------|----------|
| CACNI      | Amelia                    | Values    |                |           | oil           | Exposure R |          |          | /        |          |          |          |
| CAS No.    | Analyte                   | Ingestion | Inhalation     | Ingestion | Inhalation    | Class I    | Class II | 0.000    |          |          |          |          |
| 67-64-1    | Acetone                   | 70,000    | 100,000        |           | 100,000       | 25         | 25       | < 0.078  | < 0.082  | < 0.090  | < 0.087  | < 0.071  |
|            | Benzene                   | 12        | 0.8            | 2,300     | 2.2           | 0.03       | 0.17     | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 75-27-4    | Bromodichloromethane      | 10        | 3,000          | 2,000     | 3,000         | 0.6        | 0.6      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 75-25-2    | Bromoform                 | 81        | 53             | 16,000    | 140           | 0.8        | 0.8      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 74-83-9    | Bromomethane              | 110       | 10             | 1,000     | 3.9           | 0.2        | 1.2      | < 0.010  | < 0.011  | < 0.012  | < 0.012  | < 0.0095 |
| 78-93-3    | 2-Butanone                |           |                |           |               |            |          | < 0.078  | < 0.082  | < 0.090  | < 0.087  | < 0.071  |
| 75-15-0    | Carbon disulfide          | 7,800     | 720            | 20,000    | 9.0           | 32         | 160      | < 0.052  | < 0.054  | < 0.060  | < 0.058  | < 0.047  |
| 56-23-5    | Carbon tetrachloride      | 5         | 0.3            | 410       | 0.90          | 0.07       | 0.33     | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 108-90-7   | Chlorobenzene             | 1,600     | 130            | 4,100     | 1.3           | . 1        | 6.5      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 75-00-3    | Chloroethane              |           |                |           |               |            |          | < 0.010  | < 0.011  | < 0.012  | < 0.012  | < 0.0095 |
| 67-66-3    | Chloroform                | 100       | 0.3            | 2,000     | 0.76          | 0.6        | 2.9      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 74-87-3    | Chloromethane             |           |                |           |               |            |          | < 0.010  | < 0.011  | < 0.012  | < 0.012  | < 0.0095 |
| 124-48-1   | Dibromochloromethane      | 1,600     | 1,300          | 41,000    | 1,300         | 0.4        | 0.4      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800     | 1,300          | 200,000   | 130           | 23         | 110      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 107-06-2   | 1,2-Dichloroethane        | 7         | 0.4            | 1,400     | 0.99          | 0.02       | 0.1      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900     | 290            | 10,000    | 3.0           | 0.06       | 0.3      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780       | 1,200          | 20,000    | 1,200         | 0.4        | 1.1      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600     | 3,100          | 41,000    | 3,100         | 0.7        | 3.4      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 78-87-5    | 1,2-Dichloropropane       | 9         | 15             | 1,800     | 0.50          | 0.03       | 0.15     | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6         | 1.1            | 1,200     | 0.39          | 0.004      | 0.02     | < 0.0020 | < 0.0021 | < 0.0024 | < 0.0023 | < 0.0019 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6         | 1.1            | 1,200     | 0.39          | 0.004      | 0.02     | < 0.0020 | < 0.0021 | < 0.0024 | < 0.0023 | < 0.0019 |
| 100-41-4   | Ethylbenzene              | 7,800     | 400            | 20,000    | 58            | 13         | 19       | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 591-78-6   | 2-Hexanone                |           |                | Ï         |               |            |          | < 0.020  | < 0.021  | < 0.024  | < 0.023  | < 0.019  |
| 108-10-1   | 4-Methyl-2-pentanone      |           |                |           |               |            |          | < 0.020  | < 0.021  | < 0.024  | < 0.023  | < 0.019  |
| 75-09-2    | Methylene chloride        | 85        | 13             | 12,000    | 34            | 0.02       | 0.2      | < 0.010  | < 0.011  | < 0.012  | < 0.012  | < 0.0095 |
| 1634-04-4  | Methyl tert-butyl ether   | 780       | 8,800          | 2,000     | 140           | 0.32       | 0.32     | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 100-42-5   | Styrene                   | 16,000    | 1,500          | 41,000    | 430           | 4          | 18       | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |           |                |           |               |            |          | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 127-18-4   | Tetrachloroethene         | 12        | 11             | 2,400     | 28            | 0.06       | 0.3      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 108-88-3   | Toluene                   | 16,000    | 650            | 410,000   | 42            | 12         | 29       | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 71-55-6    | 1,1,1-Trichloroethane     |           | 1,200          |           | 1,200         | 2          | 9.6      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310       | 1,800          | 8,200     | 1,800         | 0.02       | 0.3      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 79-01-6    | Trichloroethene           | 58        | 5              | 1,200     | 12            | 0.06       | 0.3      | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 75-01-4    | Vinyl chloride            | 0.46      | 0.28           | 170       | 1.1           | 0.01       | 0.07     | < 0.0052 | < 0.0054 | < 0.0060 | < 0.0058 | < 0.0047 |
| 1330-20-7  | Xylenes, Total            | 16,000    | 320            | 41,000    | 5.6           | 150        | 150      | < 0.016  | < 0.016  | < 0.017  | < 0.018  | < 0.014  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-006 19010565-007 19010565-008 19010565-009 19010565-010

Client Sample ID : A-6 A-7 A-8 A-9 A-10

Date Collected: 01/22/2019 07:15 01/22/2019 07:30 01/22/2019 07:45 01/22/2019 08:00 01/22/2019 08:15

|            |                           |           | loute Specific | Constructi<br>Route Specif | ic Values for | Groundwat | ponent of<br>ter Ingestion |          |          |          |          |          |
|------------|---------------------------|-----------|----------------|----------------------------|---------------|-----------|----------------------------|----------|----------|----------|----------|----------|
| CAS No.    | Analyte                   | Ingestion | Inhalation     | Ingestion                  | Inhalation    | Class I   | Class II                   |          |          |          |          |          |
| 67-64-1    | Acetone                   | 70,000    | 100,000        |                            | 100,000       | 25        | 25                         | < 0.079  | < 0.093  | < 0.10   | < 0.079  | 0.17     |
|            | Benzene                   | 12        | 0.8            | 2,300                      | 2,2           | 0.03      | 0.17                       | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 75-27-4    | Bromodichloromethane      | 10        | 3,000          | 2,000                      | 3.000         | 0.6       | 0.6                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 75-25-2    | Bromoform                 | 81        | 53             | 16,000                     | 140           | 0.8       | 0.8                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 74-83-9    | Bromomethane              | 110       | 10             | 1,000                      | 3.9           | 0.2       | 1.2                        | < 0.011  | < 0.012  | < 0.014  | < 0.011  | < 0.014  |
| 78-93-3    | 2-Butanone                |           |                |                            |               |           |                            | < 0.079  | < 0.093  | < 0.10   | < 0.079  | < 0.11   |
| 75-15-0    | Carbon disulfide          | 7,800     | 720            | 20,000                     | 9.0           | 32        | 160                        | < 0.052  | < 0.062  | < 0.068  | < 0.053  | < 0.071  |
| 56-23-5    | Carbon tetrachloride      | 5         | 0.3            | 410                        | 0.90          | 0.07      | 0.33                       | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 108-90-7   | Chlorobenzene             | 1,600     | 130            | 4,100                      | 1.3           | 1         | 6.5                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 75-00-3    | Chloroethane              |           |                |                            |               |           |                            | < 0.011  | < 0.012  | < 0.014  | < 0.011  | < 0.014  |
| 67-66-3    | Chloroform                | 100       | 0.3            | 2,000                      | 0.76          | 0.6       | 2.9                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 74-87-3    | Chloromethane             |           |                |                            |               |           |                            | < 0.011  | < 0.012  | < 0.014  | < 0.011  | < 0.014  |
| 124-48-1   | Dibromochloromethane      | 1,600     | 1,300          | 41,000                     | 1,300         | 0.4       | 0.4                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800     | 1,300          | 200,000                    | 130           | 23        | 110                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 107-06-2   | 1,2-Dichloroethane        | 7         | 0.4            | 1,400                      | 0.99          | 0.02      | 0.1                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900     | 290            | 10,000                     | 3.0           | 0.06      | 0.3                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780       | 1,200          | 20,000                     | 1,200         | 0.4       | 1.1                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600     | 3,100          | 41,000                     | 3,100         | 0.7       | 3.4                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 78-87-5    | 1,2-Dichloropropane       | 9         | 15             | 1,800                      | 0.50          | 0.03      | 0.15                       | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6         | 1.1            | 1,200                      | 0.39          | 0.004     | 0.02                       | < 0.0022 | < 0.0025 | < 0.0028 | < 0.0022 | < 0.0028 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6         | 1.1            | 1,200                      | 0.39          | 0.004     | 0.02                       | < 0.0022 | < 0.0025 | < 0.0028 | < 0.0022 | < 0.0028 |
| 100-41-4   | Ethylbenzene              | 7,800     | 400            | 20,000                     | 58            | 13        | 19                         | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 591-78-6   | 2-Hexanone                |           |                |                            |               |           |                            | < 0.022  | < 0.025  | < 0.028  | < 0.022  | < 0.028  |
| 108-10-1   | 4-Methyl-2-pentanone      |           |                |                            |               |           |                            | < 0.022  | < 0.025  | < 0.028  | < 0.022  | < 0.028  |
| 75-09-2    | Methylene chloride        | 85        | 13             | 12,000                     | 34            | 0.02      | 0.2                        | < 0.011  | < 0.012  | < 0.014  | < 0.011  | < 0.014  |
| 1634-04-4  | Methyl tert-butyl ether   | 780       | 8,800          | 2,000                      | 140           | 0.32      | 0.32                       | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 100-42-5   | Styrene                   | 16,000    | 1,500          | 41,000                     | 430           | 4         | 18                         | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |           |                |                            |               |           |                            | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 127-18-4   | Tetrachloroethene         | 12        | - 11           | 2,400                      | 28            | 0.06      | 0.3                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 108-88-3   | Toluene                   | 16,000    | 650            | 410,000                    | 42            | 12        | 29                         | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 71-55-6    | 1,1,1-Trichloroethane     | •••       | 1,200          |                            | 1,200         | 2         | 9.6                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310       | 1,800          | 8,200                      | 1,800         | 0.02      | 0.3                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 79-01-6    | Trichloroethene           | 58        | 5              | 1,200                      | 12            | 0.06      | 0.3                        | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 75-01-4    | Vinyl chloride            | 0.46      | 0.28           | 170                        | 1.1           | 0.01      | 0.07                       | < 0.0052 | < 0.0062 | < 0.0068 | < 0.0053 | < 0.0071 |
| 1330-20-7  | Xylenes, Total            | 16,000    | 320            | 41,000                     | 5.6           | 150       | 150                        | < 0.015  | < 0.018  | < 0.020  | < 0.016  | < 0.021  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-011 19010565-012 19010565-013 19010565-014 19010565-015

Client Sample ID : A-11 A-12 A-13 A-14 A-15

Date Collected: 01/22/2019 08:30 01/22/2019 08:45 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30

|            |                           | Residential R<br>Values | •          | •         | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |            |          |          |           |          |
|------------|---------------------------|-------------------------|------------|-----------|------------------------------------|-----------|--|------------|----------|----------|-----------|----------|
| CAS No.    | Analyte                   | Ingestion               | Inhalation | Ingestion | Inhalation                         | Class I   | Class II                                 |            |          |          |           |          |
| 67-64-1    | Acetone                   | 70,000                  | 100,000    |           | 100,000                            | 25        | 25                                       | 0.15       | < 0.085  | < 0.076  | < 0.078   | 0.084    |
|            | Benzene                   | 12                      | 0.8        | 2,300     | 2.2                                | 0.03      | 0.17                                     | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 75-27-4    | Bromodichloromethane      | 10                      | 3,000      | 2,000     | 3,000                              | 0.6       | 0.6                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 75-25-2    | Bromoform                 | 81                      | 53         | 16,000    | 140                                | 0.8       | 0.8                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 74-83-9    | Bromomethane              | 110                     | 10         | 1,000     | 3.9                                | 0.2       | 1.2                                      | < 0.012    | < 0.011  | < 0.010  | < 0.011   | < 0.011  |
| 78-93-3    | 2-Butanone                |                         |            |           |                                    |           |  | < 0.092    | < 0.085  | < 0.076  | . < 0.078 | < 0.083  |
| 75-15-0    | Carbon disulfide          | 7,800                   | 720        | 20,000    | 9.0                                | 32        | 160                                      | < 0.062    | < 0.058  | < 0.050  | < 0.052   | < 0.055  |
| 56-23-5    | Carbon tetrachloride      | 5                       | 0.3        | 410       | 0.90                               | 0.07      | 0.33                                     | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 108-90-7   | Chlorobenzene             | 1,600                   | 130        | 4,100     | 1.3                                | 1         | 6.5                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 75-00-3    | Chloroethane              |                         |            |           |                                    |           |  | < 0.012    | < 0.011  | < 0.010  | < 0.011   | < 0.011  |
| 67-66-3    | Chloroform                | 100                     | 0.3        | 2,000     | 0.76                               | 0.6       | 2.9                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 74-87-3    | Chloromethane             |                         |            |           |                                    |           |  | < 0.012    | < 0.011  | < 0.010  | < 0.011   | < 0.011  |
| 124-48-1   | Dibromochloromethane      | 1,600                   | 1,300      | 41,000    | 1,300                              | 0.4       | 0.4                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800                   | 1,300      | 200,000   | 130                                | 23        | 110                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 107-06-2   | 1,2-Dichloroethane        | 7                       | 0.4        | 1,400     | 0.99                               | 0.02      | 0.1                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900                   | 290        | 10,000    | 3.0                                | 0.06      | 0.3                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780                     | 1,200      | 20,000    | 1,200                              | 0.4       | 1.1                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600                   | 3,100      | 41,000    | 3,100                              | 0.7       | 3.4                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 78-87-5    | 1,2-Dichloropropane       | 9                       | 15         | 1,800     | 0.50                               | 0.03      | 0.15                                     | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6                       | 1.1        | 1,200     | 0.39                               | 0.004     | 0.02                                     | < 0.0024   | < 0.0023 | < 0.0020 | < 0.0021  | < 0.0022 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6                       | 1.1        | 1,200     | 0.39                               | 0.004     | 0.02                                     | < 0.0024   | < 0.0023 | < 0.0020 | < 0.0021  | < 0.0022 |
| 100-41-4   | Ethylbenzene              | 7,800                   | 400        | 20,000    | 58                                 | 13        | 19                                       | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 591-78-6   | 2-Hexanone                |                         |            |           |                                    |           |  | < 0.024    | < 0.023  | < 0.020  | < 0.021   | < 0.022  |
| 108-10-1   | 4-Methyl-2-pentanone      |                         |            |           |                                    |           |  | < 0.024    | < 0.023  | < 0.020  | < 0.021   | < 0.022  |
| 75-09-2    | Methylene chloride        | 85                      | 13         | 12,000    | 34                                 | 0.02      | 0.2                                      | < 0.012    | < 0.011  | < 0.010  | < 0.011   | < 0.011  |
| 1634-04-4  | Methyl tert-butyl ether   | 780                     | 8,800      | 2,000     | 140                                | 0.32      | 0.32                                     | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 100-42-5   | Styrene                   | 16,000                  | 1,500      | 41,000    | 430                                | 4         | 18                                       | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |                         |            |           |                                    |           |  | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 127-18-4   | Tetrachloroethene         | 12                      | 11         | 2,400     | 28                                 | 0.06      | 0.3                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 108-88-3   | Toluene                   | 16,000                  | 650        | 410,000   | 42                                 | 12        | 29                                       | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 71-55-6    | 1,1,1-Trichloroethane     |                         | 1,200      |           | 1,200                              | 2         | 9.6                                      | . < 0.0062 | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310                     | 1,800      | 8,200     | 1,800                              | 0.02      | 0.3                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 79-01-6    | Trichloroethene           | 58                      | 5          | 1,200     | 12                                 | 0.06      | 0.3                                      | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 75-01-4    | Vinyl chloride            | 0.46                    | 0.28       | 170       | 1.1                                | 0.01      | 0.07                                     | < 0.0062   | < 0.0058 | < 0.0050 | < 0.0052  | < 0.0055 |
| 1330-20-7  | Xylenes, Total            | 16,000                  | 320        | 41,000    | 5.6                                | 150       | 150                                      | < 0.018    | < 0.018  | < 0.015  | < 0.016   | < 0.017  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-016 19010565-017 Client Sample ID: A-16 A-17

Date Collected: 01/22/2019 09:45 01/22/2019 10:00

|            |                           |           |                        |           | on Worker         | Soil Com  |             |          |          |
|------------|---------------------------|-----------|------------------------|-----------|-------------------|-----------|-------------|----------|----------|
|            |                           |           | loute Specific         | •         | ic Values for     | Groundwat |             |          |          |
| CAS No.    | Amelida                   |           | for Soil<br>Inhalation |           | oil<br>Inhalation |           | oute Values |          |          |
|            | Analyte                   | Ingestion |                        | Ingestion |                   | Class I   | Class II    | . 0 000  | 10.056   |
| 67-64-1    | Acetone                   | 70,000    | 100,000                | 2.200     | 100,000           | 25        | 25          | < 0.082  | < 0.076  |
| 71-43-2    | Benzene                   | 12        | 0.8                    | 2,300     | 2.2               | 0.03      | 0.17        | < 0.0054 | < 0.0051 |
| 75-27-4    | Bromodichloromethane      | 10        | 3,000                  | 2,000     | 3,000             | 0.6       | 0.6         | < 0.0054 | < 0.0051 |
| 75-25-2    | Bromoform                 | 81        | 53                     | 16,000    | 140               | 0.8       | 0.8         | < 0.0054 | < 0.0051 |
| 74-83-9    | Bromomethane              | 110       | 10                     | 1,000     | 3.9               | 0.2       | 1.2         | < 0.011  | < 0.010  |
| 78-93-3    | 2-Butanone                |           |                        |           |                   |           |             | < 0.082  | < 0.076  |
| 75-15-0    | Carbon disulfide          | 7,800     | 720                    | 20,000    | 9.0               | 32        | 160         | < 0.054  | < 0.051  |
| 56-23-5    | Carbon tetrachloride      | 5         | 0.3                    | 410       | 0.90              | 0.07      | 0.33        | < 0.0054 | < 0.0051 |
| 108-90-7   | Chlorobenzene             | 1,600     | 130                    | 4,100     | 1.3               | 1         | 6.5         | < 0.0054 | < 0.0051 |
| 75-00-3    | Chloroethane              |           |                        |           |                   |           |             | < 0.011  | < 0.010  |
| 67-66-3    | Chloroform                | 100       | 0.3                    | 2,000     | 0.76              | 0.6       | 2.9         | < 0.0054 | < 0.0051 |
| 74-87-3    | Chloromethane             |           |                        |           |                   |           |             | < 0.011  | < 0.010  |
| 124-48-1   | Dibromochloromethane      | 1,600     | 1,300                  | 41,000    | 1,300             | 0.4       | 0.4         | < 0.0054 | < 0.0051 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800     | 1,300                  | 200,000   | 130               | 23        | 110         | < 0.0054 | < 0.0051 |
| 107-06-2   | 1,2-Dichloroethane        | 7         | 0.4                    | 1,400     | 0.99              | 0.02      | 0.1         | < 0.0054 | < 0.0051 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900     | 290                    | 10,000    | 3.0               | 0.06      | 0.3         | < 0.0054 | < 0.0051 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780       | 1,200                  | 20,000    | 1,200             | 0.4       | 1.1         | < 0.0054 | < 0.0051 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600     | 3,100                  | 41,000    | 3,100             | 0.7       | 3.4         | < 0.0054 | < 0.0051 |
| 78-87-5    | 1,2-Dichloropropane       | 9         | 15                     | 1,800     | 0.50              | 0.03      | 0.15        | < 0.0054 | < 0.0051 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6         | 1.1                    | 1,200     | 0.39              | 0.004     | 0.02        | < 0.0022 | < 0.0020 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6         | 1.1                    | 1,200     | 0.39              | 0.004     | 0.02        | < 0.0022 | < 0.0020 |
| 100-41-4   | Ethylbenzene              | 7,800     | 400                    | 20,000    | 58                | 13        | 19          | < 0.0054 | < 0.0051 |
| 591-78-6   | 2-Hexanone                |           |                        |           |                   |           |             | < 0.022  | < 0.020  |
| 108-10-1   | 4-Methyl-2-pentanone      |           |                        |           |                   |           |             | < 0.022  | < 0.020  |
| 75-09-2    | Methylene chloride        | 85        | 13                     | 12,000    | 34                | 0.02      | 0.2         | < 0.011  | < 0.010  |
| 1634-04-4  | Methyl tert-butyl ether   | 780       | 8,800                  | 2,000     | 140               | 0.32      | 0.32        | < 0.0054 | < 0.0051 |
| 100-42-5   | Styrene                   | 16,000    | 1,500                  | 41,000    | 430               | 4         | 18          | < 0.0054 | < 0.0051 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |           |                        |           |                   |           |             | < 0.0054 | < 0.0051 |
| 127-18-4   | Tetrachloroethene         | 12        | 11                     | 2,400     | 28                | 0.06      | 0.3         | < 0.0054 | < 0.0051 |
| 108-88-3   | Toluene                   | 16,000    | 650                    | 410,000   | 42                | 12        | 29          | < 0.0054 | < 0.0051 |
| 71-55-6    | 1,1,1-Trichloroethane     |           | 1,200                  |           | 1,200             | 2         | 9.6         | < 0.0054 | < 0.0051 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310       | 1,800                  | 8,200     | 1,800             | 0.02      | 0.3         | < 0.0054 | < 0.0051 |
| 79-01-6    | Trichloroethene           | 58        | 5                      | 1,200     | 12                | 0.06      | 0.3         | < 0.0054 | < 0.0051 |
| 75-01-4    | Vinyl chloride            | 0.46      | 0.28                   | 170       | 1.1               | 0.01      | 0.07        | < 0.0054 | < 0.0051 |
| 1330-20-7  | Xylenes, Total            | 16,000    | 320                    | 41,000    | 5.6               | 150       | 150         | < 0.017  | < 0.015  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003 19010565-004

Client Sample ID: A-1 A-2 A-3 A-4

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45

|          |                        | 1         | toute Specific<br>for Soil | Route Specif | on Worker<br>ic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |         |         |         |         |
|----------|------------------------|-----------|----------------------------|--------------|-----------------------------------|-----------|--|---------|---------|---------|---------|
| CAS No.  | Analyte                | Ingestion | Inhalation                 | Ingestion    | Inhalation                        | Class I   | Class II                                 |         |         | •       |         |
| 83-32-9  | Acenaphthene           | 4,700     |                            | 120,000      |                                   | 570       | 2,900                                    | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 208-96-8 | Acenaphthylene         |           |                            |              |                                   |           |  | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 120-12-7 | Anthracene             | 23,000    |                            | 610,000      |                                   | 12,000    | 59,000                                   | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 56-55-3  | Benz(a)anthracene      | 0.9       | ***                        | 170          |                                   | 2         | 8  | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 50-32-8  | Benzo(a)pyrene         | 0.09      | •••                        | 17           |                                   | 8         | 82                                       | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9       |                            | 170          |                                   | 5         | 25                                       | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 191-24-2 | Benzo(g,h,i)perylene   |           |                            |              |                                   | ·         |  | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 207-08-9 | Benzo(k)fluoranthene   | 9         | •••                        | 1,700        |                                   | 49        | 250                                      | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 218-01-9 | Chrysene               | 88        |                            | 17,000       |                                   | 160       | 800                                      | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09      | •••                        | 17           |                                   | 2         | 7.6                                      | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 206-44-0 | Fluoranthene           | 3,100     |                            | 82,000       | ***                               | 4,300     | 21,000                                   | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 86-73-7  | Fluorene               | 3,100     |                            | 82,000       |                                   | 560       | 2,800                                    | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9       |                            | 170          | •••                               | 14        | 69                                       | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 91-20-3  | Naphthalene            | 1,600     | 170                        | 4,100        | 1.8                               | 12        | 18                                       | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 85-01-8  | Phenanthrene           |           |                            |              |                                   |           |  | < 0.040 | < 0.041 | < 0.041 | < 0.041 |
| 129-00-0 | Pyrene                 | 2,300     | •••                        | 61,000       |                                   | 4,200     | 21,000                                   | < 0.040 | < 0.041 | < 0.041 | < 0.041 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-005 19010565-006 19010565-007 19010565-008

Client Sample ID: A-5 A-6 A-7 A-8

Date Collected: 01/22/2019 07:00 01/22/2019 07:15 01/22/2019 07:30 01/22/2019 07:45

|          |                        |               |                | 1            | on Worker      |            | ponent of    |         |         |         |  |
|----------|------------------------|---------------|----------------|--------------|----------------|------------|--------------|---------|---------|---------|--|
|          |                        | Residential R | Route Specific | Route Specif | lic Values for |            | er Ingestion |         |         |         |  |
|          |                        | Values        | for Soil       | S            | oil            | Exposure R | oute Values  |         |         |         |  |
| CAS No.  | Analyte                | Ingestion     | Inhalation     | Ingestion    | Inhalation     | Class I    | Class II     |         |         |         |  |
| 83-32-9  | Acenaphthene           | 4,700         |                | 120,000      | _              | 570        | 2,900        | < 0.041 | < 0.042 | < 0.042 |  |
| 208-96-8 | Acenaphthylene         |               |                |              |                |            |              | < 0.041 | < 0.042 | < 0.042 |  |
| 120-12-7 | Anthracene             | 23,000        | -              | 610,000      | _              | 12,000     | 59,000       | < 0.041 | < 0.042 | < 0.042 |  |
| 56-55-3  | Benz(a)anthracene      | 0.9           |                | 170          |                | 2          | 8            | < 0.041 | < 0.042 | < 0.042 |  |
| 50-32-8  | Benzo(a)pyrene         | 0.09          |                | 17           |                | 8          | 82           | < 0.041 | < 0.042 | < 0.042 |  |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9           |                | 170          |                | 5          | 25           | < 0.041 | < 0.042 | < 0.042 |  |
| 191-24-2 | Benzo(g,h,i)perylene   |               |                |              |                |            |              | < 0.041 | < 0.042 | < 0.042 |  |
| 207-08-9 | Benzo(k)fluoranthene   | 9             |                | 1,700        |                | 49         | 250          | < 0.041 | < 0.042 | < 0.042 |  |
| 218-01-9 | Chrysene               | 88            |                | 17,000       |                | 160        | 800          | < 0.041 | < 0.042 | < 0.042 |  |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09          |                | 17           |                | 2          | 7.6          | < 0.041 | < 0.042 | < 0.042 |  |
| 206-44-0 | Fluoranthene           | 3,100         |                | 82,000       |                | 4,300      | 21,000       | < 0.041 | < 0.042 | < 0.042 |  |
| 86-73-7  | Fluorene               | 3,100         |                | 82,000       |                | 560        | 2,800        | < 0.041 | < 0.042 | < 0.042 |  |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9           |                | 170          |                | 14         | 69           | < 0.041 | < 0.042 | < 0.042 |  |
| 91-20-3  | Naphthalene            | 1,600         | 170            | 4,100        | 1.8            | 12         | 18           | < 0.041 | < 0.042 | < 0.042 |  |
| 85-01-8  | Phenanthrene           |               |                |              |                |            |              | < 0.041 | < 0.042 | < 0.042 |  |
| 129-00-0 | Pyrene                 | 2,300         |                | 61,000       |                | 4,200      | 21,000       | < 0.041 | < 0.042 | < 0.042 |  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-009 19010565-010 19010565-011 19010565-012

Client Sample ID: A-9 A-10 A-11 A-12

Date Collected: 01/22/2019 08:00 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

|          |                        |               | -              | Constructi   | on Worker     | Soil Com   | ponent of   |         |         |         |         |
|----------|------------------------|---------------|----------------|--------------|---------------|------------|-------------|---------|---------|---------|---------|
|          |                        | Residential R | toute Specific | Route Specif | ic Values for | Groundwat  |             |         |         |         |         |
|          |                        | Values        | for Soil       | Se           | oil           | Exposure R | oute Values |         |         |         |         |
| CAS No.  | Analyte                | Ingestion     | Inhalation     | Ingestion    | Inhalation    | Class I    | Class II    |         |         |         |         |
| 83-32-9  | Acenaphthene           | 4,700         |                | 120,000      |               | 570        | 2,900       | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 208-96-8 | Acenaphthylene         |               |                |              |               |            |             | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 120-12-7 | Anthracene             | 23,000        |                | 610,000      |               | 12,000     | 59,000      | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 56-55-3  | Benz(a)anthracene      | 0.9           |                | 170          |               | 2          | 8           | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 50-32-8  | Benzo(a)pyrene         | 0.09          | •••            | 17           |               | 8          | 82          | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9           |                | 170          |               | 5          | 25          | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 191-24-2 | Benzo(g,h,i)perylene   |               |                |              |               |            |             | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 207-08-9 | Benzo(k)fluoranthene   | 9             | •••            | 1,700        | •••           | 49         | 250         | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 218-01-9 | Chrysene               | 88            |                | 17,000       |               | 160        | 800         | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09          |                | 17           |               | 2          | 7.6         | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 206-44-0 | Fluoranthene           | 3,100         |                | 82,000       |               | 4,300      | 21,000      | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 86-73-7  | Fluorene               | 3,100         |                | 82,000       |               | 560        | 2,800       | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9           |                | 170          |               | 14         | 69          | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 91-20-3  | Naphthalene            | 1,600         | 170            | 4,100        | 1.8           | 12         | 18          | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 85-01-8  | Phenanthrene           |               |                |              |               |            |             | < 0.039 | < 0.041 | < 0.042 | < 0.041 |
| 129-00-0 | Pyrene                 | 2,300         |                | 61,000       |               | 4,200      | 21,000      | < 0.039 | < 0.041 | < 0.042 | < 0.041 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-015 19010565-016

Client Sample ID : A-13 A-14 A-15 A-16

Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30 01/22/2019 09:45

|          |                         | Decidential D      | toute Specific |           | on Worker<br>lic Values for | ÷       | ponent of    |         |         |         |       |
|----------|-------------------------|--------------------|----------------|-----------|-----------------------------|---------|--------------|---------|---------|---------|-------|
|          |                         |                    | for Soil       | _         | oil                         | i e     | er Ingestion |         |         |         |       |
| CAS No.  | Analyte                 |                    | Inhalation     |           |                             |         | oute Values  |         |         |         |       |
|          | Analyte<br>Acenaphthene | Ingestion<br>4,700 |                | Ingestion | Inhalation                  | Class I | Class II     | z 0 040 | < 0.042 | < 0.042 | - 0   |
|          |                         | 4,700              |                | 120,000   |                             | 570     | 2,900        | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
|          | Acenaphthylene          |                    |                |           |                             |         |              | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
|          | Anthracene              | 23,000             |                | 610,000   |                             | 12,000  | 59,000       | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 56-55-3  | Benz(a)anthracene       | 0.9                |                | 170       |                             | 2       | 8            | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 50-32-8  | Benzo(a)pyrene          | 0.09               |                | 17        | ***                         | 8       | 82           | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 205-99-2 | Benzo(b)fluoranthene    | 0.9                |                | 170       |                             | 5       | 25           | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 191-24-2 | Benzo(g,h,i)perylene    |                    |                |           |                             |         |              | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 207-08-9 | Benzo(k)fluoranthene    | 9                  |                | 1,700     |                             | 49      | 250          | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 218-01-9 | Chrysene                | 88                 |                | 17,000    | _                           | 160     | 800          | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 53-70-3  | Dibenz(a,h)anthracene   | 0.09               |                | 17        |                             | 2       | 7.6          | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 206-44-0 | Fluoranthene            | 3,100              |                | 82,000    |                             | 4,300   | 21,000       | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 86-73-7  | Fluorene                | 3,100              | •              | 82,000    |                             | 560     | 2,800        | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene  | 0.9                |                | 170       |                             | 14      | 69           | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 91-20-3  | Naphthalene             | 1,600              | 170            | 4,100     | 1.8                         | 12      | 18           | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 85-01-8  | Phenanthrene            |                    |                |           |                             |         |              | < 0.040 | < 0.043 | < 0.043 | < 0.0 |
| 129-00-0 | Pyrene                  | 2,300              |                | 61,000    | _                           | 4,200   | 21,000       | < 0.040 | < 0.043 | < 0.043 | < 0.0 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-017
Client Sample ID: A-17
Date Collected: 01/22/2019 10:00

|          |                        |               |                | Constructi   | on Worker     | Soil Com   | ponent of    |         |
|----------|------------------------|---------------|----------------|--------------|---------------|------------|--------------|---------|
|          |                        | Residential R | loute Specific | Route Specif | ic Values for | Groundwat  | er Ingestion |         |
|          |                        | Values        | for Soil       | S            | oil           | Exposure R | oute Values  |         |
| CAS No.  | Analyte                | Ingestion     | Inhalation     | Ingestion    | Inhalation    | Class I    | Class II     |         |
| 83-32-9  | Acenaphthene           | 4,700         |                | 120,000      |               | 570        | 2,900        | < 0.041 |
| 208-96-8 | Acenaphthylene         |               |                |              |               |            |              | < 0.041 |
| 120-12-7 | Anthracene             | 23,000        |                | 610,000      |               | 12,000     | 59,000       | < 0.041 |
| 56-55-3  | Benz(a)anthracene      | 0.9           |                | 170          |               | 2          | 8            | < 0.041 |
| 50-32-8  | Benzo(a)pyrene         | 0.09          |                | 17           |               | 8          | 82           | < 0.041 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9           |                | 170          |               | 5          | 25           | < 0.041 |
| 191-24-2 | Benzo(g,h,i)perylene   |               |                |              |               |            |              | < 0.041 |
| 207-08-9 | Benzo(k)fluoranthene   | 9             |                | 1,700        |               | 49         | 250          | < 0.041 |
| 218-01-9 | Chrysene               | 88            |                | 17,000       | _             | 160        | 800          | < 0.041 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09          |                | 17           |               | 2          | 7.6          | < 0.041 |
| 206-44-0 | Fluoranthene           | 3,100         | •••            | 82,000       |               | 4,300      | 21,000       | < 0.041 |
| 86-73-7  | Fluorene               | 3,100         | ***            | 82,000       |               | 560        | 2,800        | < 0.041 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9           |                | 170          |               | 14         | 69           | < 0.041 |
| 91-20-3  | Naphthalene            | 1,600         | 170            | 4,100        | 1.8           | 12         | 18           | < 0.041 |
| 85-01-8  | Phenanthrene           |               |                |              |               |            |              | < 0.041 |
| 129-00-0 | Pyrene                 | 2,300         | ***            | 61,000       | _             | 4,200      | 21,000       | < 0.041 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 Client Sample ID: A-1 A-2

Date Collected: 01/22/2019 06:00 01/22/2019 06:15

|   |                                |                  |                        | Comotanio | on Worker     | Soil Com              | nonent of |         |         |
|---|--------------------------------|------------------|------------------------|-----------|---------------|-----------------------|-----------|---------|---------|
|   |                                | Desidential D    | anta Cassifia          |           | ic Values for | Soil Com<br>Groundwat |           |         |         |
|   |                                | 1                | loute Specific         | •         | oil           | Exposure R            |           |         |         |
| CAS No.                                 | Amoludo                        |                  | for Soil<br>Inhalation | Ingestion | Inhalation    | Class I               | Class II  |         |         |
| 120-82-1                                | Analyte 1,2,4-Trichlorobenzene | Ingestion<br>780 | 3,200                  | 2,000     | 920           | 5                     | 53        | < 0.20  | < 0.21  |
| 95-50-1                                 | 1,2-Dichlorobenzene            | 7,000            | 560                    | 18,000    | 310           | 17                    | 43        | < 0.20  | < 0.21  |
|   | 1,3-Dichlorobenzene            | 7,000            | 300                    | 18,000    | 310           |                       | 73        | < 0.20  | < 0.21  |
|   | 1,4-Dichlorobenzene            |                  | 11,000                 |           | 340           | 2                     | 11        | < 0.20  | < 0.21  |
|   | 2, 2'-oxybis(1-Chloropropane)  |                  | 11,000                 |           | 340           |                       | - 11      | < 0.20  | < 0.21  |
|   | 2,4,5-Trichlorophenol          | 7,800            | •••                    | 200,000   |               | 270                   | 1,400     | < 0.20  | < 0.21  |
|   | 2,4,6-Trichlorophenol          | 58               | 200                    | 11,000    | 540           | 0.2                   | 0.77      | < 0.20  | < 0.21  |
|   | 2,4-Dichlorophenol             | 230              |                        | 610       |               | 1                     | 1         | < 0.20  | < 0.21  |
|   | 2,4-Dimethylphenol             | 1,600            |                        | 41,000    | •••           | 9                     | 9         | < 0.20  | < 0.21  |
|   | 2,4-Dinitrophenol              | 160              |                        | 410       |               | 0.2                   | 0.2       | < 0.99  | < 1.0   |
|   | 2,4-Dinitrotoluene             | 0.9              |                        | 180       |               | 0.0008                | 0.0008    | < 0.040 | < 0.041 |
|   | 2,6-Dinitrotoluene             | 0.9              |                        | 180       |               | 0.0007                | 0.0007    | < 0.040 | < 0.041 |
|   | 2-Chloronaphthalene            | V.,              |                        | 100       |               | 0.0007                | 0.000.    | < 0.20  | < 0.21  |
|   | 2-Chlorophenol                 | 390              | 53,000                 | 10,000    | 53,000        | 4                     | 4         | < 0.20  | < 0.21  |
|   | 2-Methylnaphthalene            |                  | 00,000                 | ,         | 00,000        |                       | -         | < 0.20  | < 0.21  |
|   | 2-Methylphenol                 | 3,900            | •••                    | 100,000   |               | 15                    | 15        | < 0.20  | < 0.21  |
| * | 2-Nitroaniline                 | 1                |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | 2-Nitrophenol                  |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | 3,3'-Dichlorobenzidine         | 1                |                        | 280       |               | 0.007                 | 0.033     | < 0.20  | < 0.21  |
|   | 3-Nitroaniline                 |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | 4,6-Dinitro-2-methylphenol     |                  |                        |           |               |                       |           | < 0.40  | < 0.41  |
|   | 4-Bromophenyl phenyl ether     |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | 4-Chloro-3-methylphenol        |                  |                        |           |               | ,                     |           | < 0.40  | < 0.41  |
|   | 4-Chloroaniline                | 310              |                        | 820       |               | 0.7                   | 0.7       | < 0.20  | < 0.21  |
| 7005-72-3                               | 4-Chlorophenyl phenyl ether    |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | 4-Methylphenol                 |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
| 100-01-6                                | 4-Nitroaniline                 |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
| 100-02-7                                | 4-Nitrophenol                  |                  |                        |           |               |                       |           | < 0.40  | < 0.41  |
| 62-53-3                                 | Aniline                        |                  |                        |           |               |                       |           | < 0.40  | < 0.41  |
| 92-87-5                                 | Benzidine                      |                  |                        |           |               | -                     |           | < 0.40  | < 0.41  |
| 65-85-0                                 | Benzoic acid                   | 310,000          |                        | 820,000   |               | 400                   | 400       | < 0.99  | < 1.0   |
| 100-51-6                                | Benzyl alcohol                 |                  |                        |           |               |                       | •         | < 0.20  | < 0.21  |
| 111-91-1                                | Bis(2-chloroethoxy)methane     |                  |                        |           |               |                       | •         | < 0.20  | < 0.21  |
| 111-44-4                                | Bis(2-chloroethyl)ether        | 0.6              | 0.2                    | 75        | 0.66          | 0.0004                | 0.0004    | < 0.20  | < 0.21  |
| 117-81-7                                | Bis(2-ethylhexyl)phthalate     | 46               | 31,000                 | 4,100     | 31,000        | 3,600                 | 31,000    | < 0.99  | < 1.0   |
| 85-68-7                                 | Butyl benzyl phthalate         | 16,000           | 930                    | 410,000   | 930           | 930                   | 930       | < 0.20  | < 0.21  |
|   | Carbazole                      | 32               |                        | 6,200     | •••           | 0.6                   | 2.8       | < 0.20  | < 0.21  |
|   | Di-n-butyl phthalate           | 7,800            | 2,300                  | 200,000   | 2,300         | 2,300                 | 2,300     | < 0.20  | < 0.21  |
|   | Di-n-octyl phthalate           | 1,600            | 10,000                 | 4,100     | 10,000        | 10,000                | 10,000    | < 0.20  | < 0.21  |
| $\overline{}$                           | Dibenzofuran                   |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | Diethyl phthalate              | 63,000           | 2,000                  | 1,000,000 | 2,000         | 470                   | 470       | < 0.20  | < 0.21  |
|   | Dimethyl phthalate             |                  |                        |           |               |                       |           | < 0.20  | < 0.21  |
|   | Hexachlorobenzene              | 0.4              | 1                      | 78        | 2.6           | 2                     | 11        | < 0.20  | < 0.21  |
|   | Hexachlorobutadiene            |                  |                        |           |               | 10.5                  |           | < 0.20  | < 0.21  |
|   | Hexachlorocyclopentadiene      | 550              | 10                     | 14,000    | 1.1           | 400                   | 2,200     | < 0.20  | < 0.21  |
|   | Hexachloroethane               | 78               |                        | 2,000     |               | 0.5                   | 2.6       | < 0.20  | < 0.21  |
|   | Isophorone                     | 15,600           | 4,600                  | 410,000   | 4,600         | 8                     | 8         | < 0.20  | < 0.21  |
|   | N-Nitrosodi-n-propylamine      | 0.09             | •••                    | 18        | ***           | 0.00005               | 0.00005   | < 0.040 | < 0.041 |
|   | N-Nitrosodimethylamine         | 46.7             |                        | •         |               |                       |           | < 0.20  | < 0.21  |
|   | N-Nitrosodiphenylamine         | 130              |                        | 25,000    |               | 1                     | 5.6       | < 0.20  | < 0.21  |
|   | Nitrobenzene                   | 39               | 92                     | 1,000     | 9.4           | 0.1                   | 0.1       | < 0.040 | < 0.041 |
|   | Pentachlorophenol              | 3                |                        | 520       |               | 0.03                  | 0.14      | < 0.080 | < 0.083 |
| 108-95-2                                |                                | 23,000           |                        | 61,000    |               | 100                   | 100       | < 0.20  | < 0.21  |
| 110-86-1                                | Pyridine                       |                  |                        |           |               |                       |           | < 0.92  | < 0.96  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-003 19010565-004

Client Sample ID: A-3 A-4
Date Collected: 01/22/2019 06:30 01/22/2019 06:45

| CAS No.  |          |                               | Residential R | toute Specific | Route Specif | on Worker<br>ic Values for<br>oil | Soil Com<br>Groundwat<br>ZExposure R | ponent of<br>er Ingestion<br>oute Values |         |         |
|--|----------|-------------------------------|---------------|----------------|--------------|-----------------------------------|--------------------------------------|--|---------|---------|
| 120-82-1   12,4-Trichlorobenzene   780   3,200   2,000   920   5   53   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < 0,21   < | CAS No.  | Analyte                       |               |                |              |                                   |                                      |  |         |         |
| 95-50-1   12-Dichtorobenzene   |          |                               |               |                |              |                                   |                                      |  | < 0.21  | < 0.21  |
| 106-69-1   2-0-9-0-9-0-9-0-9-0-9-0-9-0-9-0-9-0-9-0-  |          |                               |               |                |              | 310                               | 17                                   | 43                                       | < 0.21  | < 0.21  |
|  |          | 1.3-Dichlorobenzene           |               |                |              |                                   |                                      |  | < 0.21  | < 0.21  |
| 95-95-4   24.5-Trichtorophenol   |          | 1.4-Dichlorobenzene           |               | 11,000         | •            | 340                               | 2                                    | 11                                       | < 0.21  | < 0.21  |
| 93-95-4   24,5-Trischrophenol   7,800     200,000     270   1,400   < 0.21   < 0.21   < 0.21   | 108-60-1 | 2, 2'-oxybis(1-Chloropropane) |               |                |              |                                   |                                      |  | < 0.21  | < 0.21  |
| 120-83-2   2.4-Dischlorophenol   230   |          |                               | 7,800         |                | 200,000      | ••-                               | 270                                  | 1,400                                    | < 0.21  | < 0.21  |
| 105-7-79   2.4-Dimethylphenol   1,600     41,000     9   9   < 0.21   < 0.21   | 88-06-2  | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000       | 540                               | 0.2                                  | 0.77                                     | < 0.21  | < 0.21  |
| Size   2.4 Dimitrophenol   160   | 120-83-2 | 2,4-Dichlorophenol            | 230           |                | 610          |                                   | 1                                    | 1  | < 0.21  | < 0.21  |
| 1211-42   2.4 Dimitrotoluene   | 105-67-9 | 2,4-Dimethylphenol            | 1,600         |                | 41,000       |                                   | 9                                    |  | < 0.21  | < 0.21  |
| 100-20-2   2.6-Dinitrooluene   |          |                               | 160           |                | 410          |                                   | 0.2                                  |  | < 1.0   |         |
| 91-55-7   2-Chloropaphalhelee   390   53,000   10,000   53,000   4   4   4   < 0.21   < 0.21   91-57-6   2-Methylnaphthalene   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21   91-57-6   2-Methylnaphthalene   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.2                 | 121-14-2 | 2,4-Dinitrotoluene            | 0.9           |                | 180          |                                   | 0.0008                               | 0.0008                                   | < 0.041 | < 0.041 |
| 95-57-8   2-Chlorophenol   390   53,000   10,000   53,000   4   4   Co.21   Co.21     97-48-7   2-Methyhaphathaee   Co.21   Co.21     97-48-7   2-Methyhaphathaee   Co.21   Co.21     97-48-7   2-Methyhaphanol   3,900   Co.21   Co.21     98-7-4   2-Mirophenol   Co.21   Co.21     97-48-7   2-Methyhaphanol   Co.21   Co.21     97-48-7   2-Methyhaphanol   Co.21   Co.21     97-49-1   3,3-Dichlorobazidine   1   Co.21   Co.21     97-49-1   3,3-Dichlorobazidine   1   Co.21   Co.21     97-49-1   3,3-Dichlorobazidine   1   Co.21   Co.21     97-59-7   4-Chloro-3-methylphenol   Co.21   Co.21   | 606-20-2 |                               | 0.9           |                | 180          |                                   | 0.0007                               | 0.0007                                   |         |         |
| 191-57-6   2-Methylphenol   3,900  |          |                               |               |                |              |                                   |                                      |  |         |         |
| 15   |          |                               | 390           | 53,000         | 10,000       | 53,000                            | 4                                    | 4  |         |         |
| 183-74-4   2-Nitroaniline  |          |                               |               |                |              |                                   |                                      |  |         |         |
| S8-75-5   2-Nitrophenol  |          |                               | 3,900         |                | 100,000      |                                   | 15                                   | 15                                       |         |         |
| 191-94-1   33 - Dichlorobenzidine   1  |          |                               |               |                |              |                                   |                                      |  |         |         |
| 199-09-2   3-Nitronaline   |          |                               |               |                |              |                                   |                                      |  | _       | _       |
|  |          |                               | 1             | •••            | 280          |                                   | 0.007                                | 0.033                                    |         |         |
| 101-55-3   4-Bromophenyl phenyl ether  |          |                               |               |                |              |                                   |                                      |  |         |         |
| 39-50-7   4-Chloro-3-methylphenol   310     820     0.7   0.7   0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   <           |          |                               |               |                |              |                                   |                                      |  |         |         |
| 106-47-8   4-Chlorophenyl phenyl ether   |          |                               |               |                |              |                                   |                                      |  |         |         |
| Tools-72-3   4-Chlorophenyl phenyl ether   Co.21   C |          |                               |               |                |              |                                   |                                      |  |         |         |
| 106-44-5   |          |                               | 310           |                | 820          |                                   | 0.7                                  | 0.7                                      |         |         |
| 100-01-6   4-Nitroaniline  |          |                               |               |                |              |                                   |                                      |  |         |         |
| 100-02-7   4-Nitrophenol   |          |                               |               |                |              |                                   |                                      |  |         |         |
| C2-53-3   Aniline   C2-53-3   Aniline   C2-53-3   Aniline   C2-53-3   C2-53-3   C3-54   C3-5 |          |                               |               |                |              |                                   |                                      |  |         |         |
| Section   Sect |          | <del></del>                   |               |                |              |                                   |                                      |  |         |         |
| Section   Sect |          |                               |               |                |              |                                   |                                      |  |         |         |
| 100-51-6   Benzyl alcohol  |          |                               | 210.000       |                | 000.000      |                                   | 400                                  | 400                                      |         | _       |
| 111-91-1   Bis(2-chloroethoxy)methane   0.6   0.2   75   0.66   0.0004   0.0004   < 0.21   < 0.21  |          |                               | 310,000       |                | 820,000      |                                   | 400                                  | 400                                      |         |         |
| 111-44-4   Bis(2-chloroethyl)ether   0.6   0.2   75   0.66   0.0004   0.0004   < 0.21   < 0.21   |          |                               |               |                |              |                                   |                                      |  |         |         |
| 117-81-7   Bis(2-ethylhexyl)phthalate  |          |                               | 0.6           | 0.2            | 7.5          | 0.66                              | 0.0004                               | 0.0004                                   |         |         |
| 85-68-7   Butyl benzyl phthalate   16,000   930   410,000   930   930   930   930   < 0.21   < 0.21     86-74-8   Carbazole   32     6,200     0.6   2.8   < 0.21   < 0.21   84-74-2   Din-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   2,300   < 0.21   < 0.21   117-84-0   Din-octyl phthalate   1,600   10,000   4,100   10,000   10,000   10,000   < 0.21   < 0.21   132-64-9   Dibenzofuran           84-66-2   Diethyl phthalate   63,000   2,000   1,000,000   2,000   470   470   < 0.21   < 0.21   131-11-3   Dimethyl phthalate         131-74-1   Hexachlorobenzene   0.4   1   78   2.6   2   11   < 0.21   < 0.21   87-68-3   Hexachlorobutadiene         17-47-4   Hexachlorocyclopentadiene   550   10   14,000   1.1   400   2,200   < 0.21   < 0.21   77-47-4   Hexachlorocyclopentadiene   550   10   14,000   1.1   400   2,200   < 0.21   < 0.21   78-59-1   Isophorone   15,600   4,600   410,000   4,600   8   8   < 0.21   < 0.21   86-74-7   N-Nitrosodin-propylamine   0.09     18     0.00005   0.00005   < 0.041   < 0.041   62-75-9   N-Nitrosodiphenylamine   130     25,000     1   5.6   < 0.21   < 0.21   87-86-5   Pentachlorophenol   3     520     0.03   0.14   < 0.083   < 0.083   108-95-2   Phenol   23,000     61,000     100   100   < 0.21   < 0.21   |          |                               |               |                |              |                                   |                                      |  |         |         |
| 86-74-8   Carbazole   32   |          | <u> </u>                      |               |                |              |                                   |                                      |  |         |         |
| R4-74-2   Di-n-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   0.21   0.21   |          |                               |               |                |              |                                   |                                      |  |         |         |
| 117-84-0   Di-n-octyl phthalate   1,600   10,000   4,100   10,000   10,000   10,000   < 0.21   < 0.21     132-64-9   Dibenzofuran  |          |                               |               |                |              |                                   |                                      |  |         |         |
| 132-64-9   Dibenzofuran  |          |                               |               | _              |              |                                   |                                      | ·  |         |         |
| 84-66-2         Diethyl phthalate         63,000         2,000         1,000,000         2,000         470         470         <0.21         <0.21           131-11-3         Dimethyl phthalate         0.4         1         78         2.6         2         11         <0.21   |          |                               | 1,000         | 10,000         | 7,100        | 10,000                            | 10,000                               | 10,000                                   |         |         |
| 131-11-3   Dimethyl phthalate  |          |                               | 63 000        | 2,000          | 1,000,000    | 2,000                             | 470                                  | 470                                      |         |         |
| 118-74-1         Hexachlorobenzene         0.4         1         78         2.6         2         11         <0.21   |          |                               | 05,000        | 2,000          | 1,000,000    | 2,000                             |                                      |  |         |         |
| 87-68-3         Hexachlorobutadiene          < 0.21  | 118-74-1 | Hexachlorobenzene             | 0.4           | 1              | 78           | 2.6                               | 2                                    | 11                                       |         |         |
| 77-47-4         Hexachlorocyclopentadiene         550         10         14,000         1.1         400         2,200         < 0.21   |          |                               | <u> </u>      | <del></del>    | ,,,          | 2.0                               | <del></del>                          |  |         |         |
| 67-72-1         Hexachloroethane         78          2,000          0.5         2.6         <0.21  |          |                               | 550           | 10             | 14,000       | 1.1                               | 400                                  | 2,200                                    |         |         |
| 78-59-1         Isophorone         15,600         4,600         410,000         4,600         8         8         < 0.21   |          |                               |               |                |              |                                   |                                      |  |         |         |
| 621-64-7         N-Nitrosodi-n-propylamine         0.09          18          0.00005         <0.041  |          |                               |               |                |              |                                   |                                      |  |         |         |
| 62-75-9         N-Nitrosodimethylamine   |          |                               |               |                |              |                                   |                                      |  |         |         |
| 86-30-6         N-Nitrosodiphenylamine         130          25,000          1         5.6         < 0.21   |          |                               | 1.00          |                |              |                                   |                                      |  |         |         |
| 98-95-3         Nitrobenzene         39         92         1,000         9.4         0.1         0.1         < 0.041   |          |                               | 130           |                | 25,000       |                                   | 1                                    | 5.6                                      |         |         |
| 87-86-5 Pentachlorophenol 3 520 0.03 0.14 < 0.083 < 0.083<br>108-95-2 Phenol 23,000 61,000 100 100 < 0.21 < 0.21   |          |                               |               |                |              |                                   |                                      |  |         |         |
| 108-95-2 Phenol 23,000 61,000 100 100 < 0.21 < 0.21  |          |                               |               |                |              |                                   |                                      |  |         |         |
|  |          |                               |               |                |              |                                   |                                      |  | < 0.21  | < 0.21  |
| 110-86-1 Pyridine < 0.96 < 0.95  |          |                               |               |                |              |                                   |                                      |  | < 0.96  | < 0.95  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-005 19010565-006 Client Sample ID: A-5 A-6

Date Collected: 01/22/2019 07:00 01/22/2019 07:15

|          |   |  |                 | Comstant                                | on Worker       | Soil Com                                | ponent of     |                  |                  |
|----------|---|--|-----------------|---|-----------------|---|---------------|------------------|------------------|
|          |   | Decidential B                                    | loute Specific  |   | ic Values for   | Groundwat                               |               |                  |                  |
|          |   |  | for Soil        | •                                       | oil             |   | oute Values   |                  |                  |
| CAS No.  | Analyte                                   | Ingestion  | Inhalation      | Ingestion                               | Inhalation      | Class I                                 | Class II      |                  |                  |
|          | 1,2,4-Trichlorobenzene                    | 780  | 3,200           | 2,000                                   | 920             | 5                                       | 53            | < 0.21           | < 0.21           |
|          | 1.2-Dichlorobenzene                       | 7,000  | 560             | 18,000                                  | 310             | 17                                      | 43            | < 0.21           | < 0.21           |
|          | 1,3-Dichlorobenzene                       | 7,000  | 300             | 10,000                                  | 310             | • |               | < 0.21           | < 0.21           |
|          | 1,4-Dichlorobenzene                       |  | 11,000          |   | 340             | 2                                       | 11            | < 0.21           | < 0.21           |
|          | 2, 2'-oxybis(1-Chloropropane)             |  | 11,000          |   | 3.0             |   |               | < 0.21           | < 0.21           |
|          | 2,4,5-Trichlorophenol                     | 7,800  |                 | 200,000                                 |                 | 270                                     | 1,400         | < 0.21           | < 0.21           |
|          | 2,4,6-Trichlorophenol                     | 58   | 200             | 11,000                                  | 540             | 0.2                                     | 0.77          | < 0.21           | < 0.21           |
|          | 2,4-Dichlorophenol                        | 230  |                 | 610                                     |                 | 1                                       | 1             | < 0.21           | < 0.21           |
|          | 2,4-Dimethylphenol                        | 1,600  |                 | 41,000                                  | •••             | 9                                       | 9             | < 0.21           | < 0.21           |
|          | 2,4-Dinitrophenol                         | 160  | •••             | 410                                     |                 | 0.2                                     | 0.2           | < 1.0            | < 1.0            |
|          | 2,4-Dinitrotoluene                        | 0.9  |                 | 180                                     | •••             | 0.0008                                  | 0.0008        | < 0.041          | < 0.042          |
|          | 2,6-Dinitrotoluene                        | 0.9  |                 | 180                                     |                 | 0.0007                                  | 0.0007        | < 0.041          | < 0.042          |
|          | 2-Chloronaphthalene                       |  | .,              |   |                 |   |               | < 0.21           | < 0.21           |
|          | 2-Chlorophenol                            | 390  | 53,000          | 10,000                                  | 53,000          | 4                                       | 4             | < 0.21           | < 0.21           |
|          | 2-Methylnaphthalene                       |  |                 |   |                 |   |               | < 0.21           | < 0.21           |
| 95-48-7  | 2-Methylphenol                            | 3,900  |                 | 100,000                                 |                 | 15                                      | 15            | < 0.21           | < 0.21           |
|          | 2-Nitroaniline                            |  |                 |   |                 |   | -             | < 0.21           | < 0.21           |
| 88-75-5  | 2-Nitrophenol                             |  |                 | -                                       |                 |   |               | < 0.21           | < 0.21           |
| 91-94-1  | 3,3'-Dichlorobenzidine                    | 1  |                 | 280                                     |                 | 0.007                                   | 0.033         | < 0.21           | < 0.21           |
| 99-09-2  | 3-Nitroaniline                            |  |                 |   |                 |   |               | < 0.21           | < 0.21           |
| 534-52-1 | 4,6-Dinitro-2-methylphenol                |  |                 |   |                 |   |               | < 0.41           | < 0.42           |
| 101-55-3 | 4-Bromophenyl phenyl ether                |  |                 | <u> </u>                                |                 |   |               | < 0.21           | < 0.21           |
| 59-50-7  | 4-Chloro-3-methylphenol                   |  |                 |   |                 |   |               | < 0.41           | < 0.42           |
|          | 4-Chloroaniline                           | 310  |                 | 820                                     |                 | 0.7                                     | 0.7           | < 0.21           | < 0.21           |
|          | 4-Chlorophenyl phenyl ether               |  |                 |   |                 |   |               | < 0.21           | < 0.21           |
|          | 4-Methylphenol                            |  |                 |   |                 |   |               | < 0.21           | < 0.21           |
|          | 4-Nitroaniline                            |  |                 | _                                       |                 |   |               | < 0.21           | < 0.21           |
| _        | 4-Nitrophenol                             |  |                 |   |                 |   |               | < 0.41           | < 0.42           |
| 62-53-3  | Aniline                                   |  |                 |   |                 |   |               | < 0.41           | < 0.42           |
| 92-87-5  | Benzidine                                 |  |                 |   |                 |   | 100           | < 0.41           | < 0.42           |
|          | Benzoic acid                              | 310,000  |                 | 820,000                                 |                 | 400                                     | 400           | < 1.0            | < 1.0            |
|          | Benzyl alcohol                            |  |                 |   |                 |   |               | < 0.21           | < 0.21<br>< 0.21 |
|          | Bis(2-chloroethoxy)methane                | 2  | 0.0             | 7.5                                     | 0.00            | 0.0004                                  | 0.0004        | < 0.21<br>< 0.21 | < 0.21           |
|          | Bis(2-chloroethyl)ether                   | 0.6  | 0.2             | 75                                      | 0.66            | 0.0004                                  | 0.0004        | < 1.0            | < 1.0            |
|          | Bis(2-ethylhexyl)phthalate                | 46   | 31,000          | 4,100                                   | 31,000<br>930   | 3,600<br>930                            | 31,000<br>930 | < 0.21           | < 0.21           |
|          | Butyl benzyl phthalate                    | 16,000<br>32                                     | 930             | 410,000<br>6,200                        | 930             | 0.6                                     | 2.8           | < 0.21           | < 0.21           |
|          | Carbazole                                 |  |                 | 200,000                                 |                 | 2,300                                   | 2,300         | < 0.21           | < 0.21           |
|          | Di-n-butyl phthalate Di-n-octyl phthalate | 7,800<br>1,600                                   | 2,300<br>10,000 | 4,100                                   | 2,300<br>10,000 | 10,000                                  | 10,000        | < 0.21           | < 0.21           |
|          | Dibenzofuran                              | 1,000  | 10,000          | 7,100                                   | 10,000          | 10,000                                  | 10,000        | < 0.21           | < 0.21           |
|          | Diethyl phthalate                         | 63,000   | 2,000           | 1,000,000                               | 2,000           | 470                                     | 470           | < 0.21           | < 0.21           |
|          | Dimethyl phthalate                        | 03,000   | 2,000           | 1,000,000                               | 2,000           | 7/0                                     | 770           | < 0.21           | < 0.21           |
|          | Hexachlorobenzene                         | 0.4  | 1               | 78                                      | 2.6             | 2                                       | 11            | < 0.21           | < 0.21           |
|          | Hexachlorobutadiene                       | <del>                                     </del> |                 | ,,,                                     | 2.0             |   | • • •         | < 0.21           | < 0.21           |
|          | Hexachlorocyclopentadiene                 | 550  | 10              | 14,000                                  | 1.1             | · 400                                   | 2,200         | < 0.21           | < 0.21           |
|          | Hexachloroethane                          | 78   |                 | 2,000                                   | 1.1             | 0.5                                     | 2.6           | < 0.21           | < 0.21           |
|          | Isophorone                                | 15,600   | 4,600           | 410,000                                 | 4,600           | 8                                       | 8             | < 0.21           | < 0.21           |
|          | N-Nitrosodi-n-propylamine                 | 0.09   |                 | 18                                      |                 | 0.00005                                 | 0.00005       | < 0.041          | < 0.042          |
|          | N-Nitrosodimethylamine                    | <del>  ••••</del>                                |                 |   |                 | -                                       |               | < 0.21           | < 0.21           |
|          | N-Nitrosodiphenylamine                    | 130  |                 | 25,000                                  |                 | 1                                       | 5.6           | < 0.21           | < 0.21           |
| 98-95-3  | Nitrobenzene                              | 39   | 92              | 1,000                                   | 9.4             | 0.1                                     | 0.1           | < 0.041          | < 0.042          |
|          | Pentachlorophenol                         | 3  |                 | 520                                     |                 | 0.03                                    | 0.14          | < 0.083          | < 0.084          |
| 108-95-2 |   | 23,000   | •••             | 61,000                                  |                 | 100                                     | 100           | < 0.21           | < 0.21           |
| 110-86-1 |   | ,  |                 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                 |   |               | < 0.95           | < 0.97           |
|          |   |  |                 |   |                 |   |               |                  |                  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-007 19010565-008 Client Sample ID: A-7 A-8

Date Collected: 01/22/2019 07:30 01/22/2019 07:45

|          |                               |               |                | Comptens  | on Worker     | Soil Com  |             |         |         |
|----------|-------------------------------|---------------|----------------|-----------|---------------|-----------|-------------|---------|---------|
|          |                               | Decidential E | loute Specific |           | ic Values for | Groundwat |             |         |         |
|          |                               |               | for Soil       | -         | oil           |           | oute Values |         |         |
| CAS No.  | Analyte                       | Ingestion     | Inhalation     | Ingestion | Inhalation    | Class I   | Class II    |         |         |
| 120-82-1 | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000     | 920           | 5         | 53          | < 0.22  | < 0.21  |
| 95-50-1  | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000    | 310           | 17        | 43          | < 0.22  | < 0.21  |
|          | 1,3-Dichlorobenzene           | 7,000         | 300            | 18,000    | 310           | 17        | 43          | < 0.22  | < 0.21  |
|          | 1,4-Dichlorobenzene           |               | 11,000         |           | 340           | 2         | 11          | < 0.22  | < 0.21  |
| _        | 2, 2'-oxybis(1-Chloropropane) | <del> </del>  | 11,000         | •••       | 340           |           | - 11        | < 0.22  | < 0.21  |
| 95-95-4  | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000   |               | 270       | 1,400       | < 0.22  | < 0.21  |
| 88-06-2  | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000    | 540           | 0.2       | 0.77        | < 0.22  | < 0.21  |
|          | 2,4-Dichlorophenol            | 230           |                | 610       |               | 1         | 1           | < 0.22  | < 0.21  |
|          | 2,4-Diemorophenol             | 1,600         | •••            | 41,000    |               | 9         | 9           | < 0.22  | < 0.21  |
|          | 2,4-Dinitrophenol             | 160           |                | 410       | •••           | 0.2       | 0.2         | < 1.1   | < 1.0   |
|          | 2,4-Dinitrotoluene            | 0.9           | ***            | 180       |               | 0.0008    | 0.0008      | < 0.042 | < 0.041 |
|          | 2,6-Dinitrotoluene            | 0.9           |                | 180       |               | 0.0007    | 0.0007      | < 0.042 | < 0.041 |
| 91-58-7  | 2-Chloronaphthalene           | 0.7           |                | 100       |               | 0.0007    | 0.0007      | < 0.22  | < 0.21  |
|          | 2-Chlorophenol                | 390           | 53,000         | 10,000    | 53,000        | 4         | 4           | < 0.22  | < 0.21  |
|          | 2-Methylnaphthalene           | 370           | 55,555         | 10,000    |               |           |             | < 0.22  | < 0.21  |
|          | 2-Methylphenol                | 3,900         |                | 100,000   |               | 15        | 15          | < 0.22  | < 0.21  |
|          | 2-Nitroaniline                | 5,500         | -              | 100,000   |               |           |             | < 0.22  | < 0.21  |
|          | 2-Nitrophenol                 |               |                |           |               |           |             | < 0.22  | < 0.21  |
|          | 3,3'-Dichlorobenzidine        | 1             |                | 280       |               | 0.007     | 0.033       | < 0.22  | < 0.21  |
| 99-09-2  | 3-Nitroaniline                |               |                |           | -             | 0,000     |             | < 0.22  | < 0.21  |
|          | 4,6-Dinitro-2-methylphenol    |               |                |           |               |           |             | < 0.42  | < 0.41  |
|          | 4-Bromophenyl phenyl ether    |               |                |           |               |           |             | < 0.22  | < 0.21  |
|          | 4-Chloro-3-methylphenol       |               |                |           |               |           |             | < 0.42  | < 0.41  |
|          | 4-Chloroaniline               | 310           |                | 820       | •••           | 0.7       | 0.7         | < 0.22  | < 0.21  |
|          | 4-Chlorophenyl phenyl ether   | 111           |                |           |               |           |             | < 0.22  | < 0.21  |
|          | 4-Methylphenol                |               |                |           | -             |           |             | < 0.22  | < 0.21  |
|          | 4-Nitroaniline                |               |                |           |               |           |             | < 0.22  | < 0.21  |
|          | 4-Nitrophenol                 |               |                |           |               |           | •           | < 0.42  | < 0.41  |
| 62-53-3  | Aniline                       |               |                |           |               |           |             | < 0.43  | < 0.42  |
| 92-87-5  | Benzidine                     |               |                |           |               |           |             | < 0.42  | < 0.41  |
|          | Benzoic acid                  | 310,000       |                | 820,000   |               | 400       | 400         | < 1.1   | < 1.0   |
| 100-51-6 | Benzyl alcohol                |               | •              |           |               |           |             | < 0.22  | < 0.21  |
|          | Bis(2-chloroethoxy)methane    |               |                |           |               |           |             | < 0.22  | < 0.21  |
|          | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75        | 0.66          | 0.0004    | 0.0004      | < 0.22  | < 0.21  |
|          | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100     | 31,000        | 3,600     | 31,000      | < 1.1   | < 1.0   |
|          | Butyl benzyl phthalate        | 16,000        | 930            | 410,000   | 930           | 930       | 930         | < 0.22  | < 0.21  |
| 86-74-8  | Carbazole                     | 32            |                | 6,200     |               | 0.6       | 2.8         | < 0.22  | < 0.21  |
| 84-74-2  | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000   | 2,300         | 2,300     | 2,300       | < 0.22  | < 0.21  |
| 117-84-0 | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100     | 10,000        | 10,000    | 10,000      | < 0.22  | < 0.21  |
| 132-64-9 | Dibenzofuran                  |               |                |           |               |           |             | < 0.22  | < 0.21  |
|          | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000 | 2,000         | 470       | 470         | < 0.22  | < 0.21  |
|          | Dimethyl phthalate            |               |                |           |               |           |             | < 0.22  | < 0.21  |
| 118-74-1 | Hexachlorobenzene             | 0.4           | 1              | 78        | 2.6           | 2         | 11          | < 0.22  | < 0.21  |
| 87-68-3  | Hexachlorobutadiene           |               |                |           |               |           |             | < 0.22  | < 0.21  |
| 77-47-4  | Hexachlorocyclopentadiene     | 550           | 10             | 14,000    | 1.1           | 400       | 2,200       | < 0.22  | < 0.21  |
| 67-72-1  | Hexachloroethane              | 78            | *** *          | 2,000     |               | 0.5       | 2.6         | < 0.22  | < 0.21  |
| 78-59-1  | Isophorone                    | 15,600        | 4,600          | 410,000   | 4,600         | 8         | - 8         | < 0.22  | < 0.21  |
|          | N-Nitrosodi-n-propylamine     | 0.09          |                | 18        |               | 0.00005   | 0.00005     | < 0.042 | < 0.041 |
|          | N-Nitrosodimethylamine        |               |                |           |               |           |             | < 0.22  | < 0.21  |
|          | N-Nitrosodiphenylamine        | 130           | •••            | 25,000    |               | _1        | 5.6         | < 0.22  | < 0.21  |
| 98-95-3  | Nitrobenzene                  | 39            | 92             | 1,000     | 9.4           | 0.1       | 0.1         | < 0.042 | < 0.041 |
|          | Pentachlorophenol             | 3             |                | 520       |               | 0.03      | 0.14        | < 0.086 | < 0.084 |
| 108-95-2 |                               | 23,000        |                | 61,000    |               | 100       | 100         | < 0.22  | < 0.21  |
| 110-86-1 | Pyridine                      |               |                |           |               |           |             | < 0.99  | < 0.96  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-009 19010565-010 Client Sample ID: A-9 A-10

Date Collected: 01/22/2019 08:00 01/22/2019 08:15

|          |                               | Γ'            |                |              | on Worker     | Soil Com   |             |         |         |
|----------|-------------------------------|---------------|----------------|--------------|---------------|------------|-------------|---------|---------|
|          |                               | Residential F | loute Specific | Route Specif | ic Values for | Groundwat  |             |         |         |
|          |                               | Values        | for Soil       |              | oil           | Exposure R | oute Values |         |         |
| CAS No.  | Analyte                       | Ingestion     | Inhalation     | Ingestion    | Inhalation    | Class I    | Class II    |         |         |
|          | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000        | 920           | 5          | 53          | < 0.20  | < 0.21  |
| 95-50-1  | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000       | 310           | 17         | 43          | < 0.20  | < 0.21  |
| 541-73-1 | 1,3-Dichlorobenzene           |               |                |              |               |            |             | < 0.20  | < 0.21  |
| 106-46-7 | 1,4-Dichlorobenzene           |               | 11,000         |              | 340           | 2          | 11          | < 0.20  | < 0.21  |
|          | 2, 2'-oxybis(1-Chloropropane) |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000      | •••           | 270        | 1,400       | < 0.20  | < 0.21  |
|          | 2,4,6-Trichlorophenol         | . 58          | 200            | 11,000       | 540           | 0.2        | 0.77        | < 0.20  | < 0.21  |
|          | 2,4-Dichlorophenol            | 230           |                | 610          |               | 1          | 1           | < 0.20  | < 0.21  |
|          | 2,4-Dimethylphenol            | 1,600         |                | 41,000       |               | 9          | 9           | < 0.20  | < 0.21  |
|          | 2,4-Dinitrophenol             | 160           | •••            | 410          |               | 0.2        | 0.2         | < 0.98  | < 1.0   |
|          | 2,4-Dinitrotoluene            | 0.9           |                | 180          |               | 0.0008     | 0.0008      | < 0.039 | < 0.041 |
|          | 2,6-Dinitrotoluene            | 0.9           |                | 180          | •••           | 0.0007     | 0.0007      | < 0.039 | < 0.041 |
|          | 2-Chloronaphthalene           | 1             |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 2-Chlorophenol                | 390           | 53,000         | 10,000       | 53,000        | 4          | 4           | < 0.20  | < 0.21  |
|          | 2-Methylnaphthalene           |               |                |              |               |            |             | < 0.20  | < 0.21  |
| 95-48-7  | 2-Methylphenol                | 3,900         |                | 100,000      |               | 15         | 15          | < 0.20  | < 0.21  |
|          | 2-Nitroaniline                |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 2-Nitrophenol                 |               |                |              |               |            |             | < 0.20  | < 0.21  |
| 91-94-1  | 3,3'-Dichlorobenzidine        | 1             | •••            | 280          |               | 0.007      | 0.033       | < 0.20  | < 0.21  |
| 99-09-2  | 3-Nitroaniline                |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 4,6-Dinitro-2-methylphenol    |               |                |              |               |            |             | < 0.39  | < 0.41  |
|          | 4-Bromophenyl phenyl ether    |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 4-Chloro-3-methylphenol       |               |                |              |               |            |             | < 0.39  | < 0.41  |
|          | 4-Chloroaniline               | 310           |                | 820          | ***           | 0.7        | 0.7         | < 0.20  | < 0.21  |
|          | 4-Chlorophenyl phenyl ether   |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 4-Methylphenol                |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 4-Nitroaniline                |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | 4-Nitrophenol                 |               |                |              |               |            |             | < 0.39  | < 0.41  |
| 62-53-3  | Aniline                       |               |                |              |               |            |             | < 0.39  | < 0.41  |
| 92-87-5  | Benzidine                     |               |                |              |               |            |             | < 0.39  | < 0.41  |
| 65-85-0  | Benzoic acid                  | 310,000       |                | 820,000      | •••           | 400        | 400         | < 0.98  | < 1.0   |
|          | Benzyl alcohol                |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | Bis(2-chloroethoxy)methane    |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75           | 0.66          | 0.0004     | 0.0004      | < 0.20  | < 0.21  |
| 117-81-7 | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100        | 31,000        | 3,600      | 31,000      | < 0.98  | < 1.0   |
| 85-68-7  | Butyl benzyl phthalate        | 16,000        | 930            | 410,000      | 930           | 930        | 930         | < 0.20  | < 0.21  |
| 86-74-8  | Carbazole                     | 32            |                | 6,200        |               | 0.6        | 2.8         | < 0.20  | < 0.21  |
| 84-74-2  | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000      | 2,300         | 2,300      | 2,300       | < 0.20  | < 0.21  |
|          | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100        | 10,000        | 10,000     | 10,000      | < 0.20  | < 0.21  |
| 132-64-9 | Dibenzofuran                  |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000    | 2,000         | 470        | 470         | < 0.20  | < 0.21  |
|          | Dimethyl phthalate            |               |                |              |               |            |             | < 0.20  | < 0.21  |
|          | Hexachlorobenzene             | 0.4           | 1              | 78           | 2.6           | 2          | 11          | < 0.20  | < 0.21  |
|          | Hexachlorobutadiene           |               | <u>.</u> .     | _            |               |            |             | < 0.20  | < 0.21  |
|          | Hexachlorocyclopentadiene     | 550           | 10             | 14,000       | 1.1           | 400        | 2,200       | < 0.20  | < 0.21  |
| 67-72-1  | Hexachloroethane              | 78            | •••            | 2,000        |               | 0.5        | 2.6         | < 0.20  | < 0.21  |
| 78-59-1  | Isophorone                    | 15,600        | 4,600          | 410,000      | 4,600         | 8          | 8           | < 0.20  | < 0.21  |
|          | N-Nitrosodi-n-propylamine     | 0.09          |                | 18           | •••           | 0.00005    | 0.00005     | < 0.039 | < 0.041 |
|          | N-Nitrosodimethylamine        |               |                |              |               |            |             | < 0.20  | < 0.21  |
| 86-30-6  | N-Nitrosodiphenylamine        | 130           | ***            | 25,000       | •••           | 11         | 5.6         | < 0.20  | < 0.21  |
| 98-95-3  | Nitrobenzene                  | 39            | 92             | 1,000        | 9.4           | 0.1        | 0.1         | < 0.039 | < 0.041 |
|          | Pentachlorophenol             | 3             |                | 520          | •••           | 0.03       | 0.14        | < 0.079 | < 0.083 |
|          | Phenol                        | 23,000        |                | 61,000       |               | 100        | 100         | < 0.20  | < 0.21  |
| 110-86-1 | Pyridine                      |               |                |              |               |            |             | < 0.91  | < 0.96  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-011 19010565-012
Client Sample ID: A-11 A-12
Date Collected: 01/22/2019 08:30 01/22/2019 08:45

|               |                                   |               |                | Constructi | on Worker     | Soil Com   | nonent of |                  |         |
|---------------|-----------------------------------|---------------|----------------|------------|---------------|------------|-----------|------------------|---------|
|               |                                   | Residential B | loute Specific |            | ic Values for | Groundwat  |           |                  |         |
|               |                                   |               | for Soil       | •          | oil           | Exposure R |           |                  |         |
| CAS No.       | Analyte                           | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I    | Class II  |                  |         |
|               | 1,2,4-Trichlorobenzene            | 780           | 3,200          | 2,000      | 920           | 5          | 53        | < 0.22           | < 0.21  |
| 95-50-1       | 1.2-Dichlorobenzene               | 7,000         | 560            | 18,000     | 310           | 17         | 43        | < 0.22           | < 0.21  |
|               | 1,3-Dichlorobenzene               | ,,            |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 1,4-Dichlorobenzene               |               | 11,000         |            | 340           | 2          | 11        | < 0.22           | < 0.21  |
|               | 2, 2'-oxybis(1-Chloropropane)     |               | ,              |            |               |            |           | < 0.22           | < 0.21  |
|               | 2,4,5-Trichlorophenol             | 7,800         |                | 200,000    |               | 270        | 1,400     | < 0.22           | < 0.21  |
|               | 2,4,6-Trichlorophenol             | 58            | 200            | 11,000     | 540           | 0.2        | 0.77      | < 0.22           | < 0.21  |
| 120-83-2      | 2,4-Dichlorophenol                | 230           |                | 610        |               | 1          | 1         | < 0.22           | < 0.21  |
| 105-67-9      | 2,4-Dimethylphenol                | 1,600         | •••            | 41,000     | •••           | 9          | 9         | < 0.22           | < 0.21  |
| 51-28-5       | 2,4-Dinitrophenol                 | 160           |                | 410        |               | 0.2        | 0.2       | < 1.1            | < 1.0   |
| 121-14-2      | 2,4-Dinitrotoluene                | 0.9           |                | 180        |               | 0.0008     | 0.0008    | < 0.042          | < 0.041 |
|               | 2,6-Dinitrotoluene                | 0.9           |                | 180        |               | 0.0007     | 0.0007    | < 0.042          | < 0.041 |
| 91-58-7       | 2-Chloronaphthalene               | ·             |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 2-Chlorophenol                    | 390           | 53,000         | 10,000     | 53,000        | 4          | 4         | < 0.22           | < 0.21  |
|               | 2-Methylnaphthalene               |               |                |            |               |            |           | < 0.22           | < 0.21  |
| 95-48-7_      | 2-Methylphenol                    | 3,900         |                | 100,000    |               | 15         | 15        | < 0.22           | < 0.21  |
|               | 2-Nitroaniline                    |               |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 2-Nitrophenol                     |               |                |            | ·             |            |           | < 0.22           | < 0.21  |
|               | 3,3'-Dichlorobenzidine            | 1             |                | 280        |               | 0.007      | 0.033     | < 0.22           | < 0.21  |
|               | 3-Nitroaniline                    |               |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 4,6-Dinitro-2-methylphenol        |               |                |            |               |            |           | < 0.42           | < 0.41  |
|               | 4-Bromophenyl phenyl ether        |               |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 4-Chloro-3-methylphenol           |               |                |            |               |            |           | < 0.42           | < 0.41  |
|               | 4-Chloroaniline                   | 310           |                | 820        | •••           | 0.7        | 0.7       | < 0.22           | < 0.21  |
|               | 4-Chlorophenyl phenyl ether       |               | _              |            |               |            |           | < 0.22           | < 0.21  |
|               | 4-Methylphenol                    |               |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 4-Nitroaniline                    |               |                |            |               |            |           | < 0.22           | < 0.21  |
|               | 4-Nitrophenol                     |               |                |            |               |            |           | < 0.42           | < 0.41  |
| 62-53-3       | Aniline                           |               |                |            |               |            |           | < 0.43           | < 0.42  |
|               | Benzidine                         | 212.000       |                | 000 000    |               | 400        | 400       | < 0.42<br>< 1.1  | < 0.41  |
|               | Benzoic acid                      | 310,000       | •••            | 820,000    |               | 400        | 400       |                  | < 0.21  |
|               | Benzyl alcohol                    |               |                |            |               |            |           | < 0.22<br>< 0.22 | < 0.21  |
|               | Bis(2-chloroethoxy)methane        | 0.6           | 0.2            | 75         | 0.66          | 0.0004     | 0.0004    | < 0.22           | < 0.21  |
|               | Bis(2-chloroethyl)ether           | 0.6           |                | 4,100      | 31,000        | 3,600      | 31,000    | < 1.1            | < 1.0   |
|               | Bis(2-ethylhexyl)phthalate        | 16,000        | 31,000<br>930  | 410,000    | 930           | 930        | 930       | < 0.22           | < 0.21  |
|               | Butyl benzyl phthalate  Carbazole | 16,000<br>32  | 930            | 6,200      | 930           | 0.6        | 2.8       | < 0.22           | < 0.21  |
|               | Caroazoie  Di-n-butyl phthalate   | 7,800         | 2,300          | 200,000    | 2,300         | 2,300      | 2,300     | < 0.22           | < 0.21  |
| $\overline{}$ | Di-n-octyl phthalate              | 1,600         | 10,000         | 4,100      | 10,000        | 10,000     | 10,000    | < 0.22           | < 0.21  |
|               | Dibenzofuran                      | 1,000         | 10,000         | 4,100      | 10,000        | 10,000     | 10,000    | < 0.22           | < 0.21  |
|               | Diethyl phthalate                 | 63,000        | 2,000          | 1,000,000  | 2,000         | 470        | 470       | < 0.22           | < 0.21  |
|               | Dimethyl phthalate                | 03,000        | 2,000          | 1,000,000  | 2,000         | 170        | 170       | < 0.22           | < 0.21  |
|               | Hexachlorobenzene                 | 0.4           | 1              | 78         | 2.6           | 2          | 11        | < 0.22           | < 0.21  |
| 87-68-3       | Hexachlorobutadiene               | 0.4           | •              | 70         |               |            |           | < 0.22           | < 0.21  |
|               | Hexachlorocyclopentadiene         | 550           | 10             | 14,000     | 1.1           | 400        | 2,200     | < 0.22           | < 0.21  |
|               | Hexachloroethane                  | 78            |                | 2,000      |               | 0.5        | 2.6       | < 0.22           | < 0.21  |
|               | Isophorone                        | 15,600        | 4,600          | 410,000    | 4,600         | 8          | 8         | < 0.22           | < 0.21  |
|               | N-Nitrosodi-n-propylamine         | 0.09          |                | 18         |               | 0.00005    | 0.00005   | < 0.042          | < 0.041 |
|               | N-Nitrosodimethylamine            | <u> </u>      |                |            |               | 2.23000    |           | < 0.22           | < 0.21  |
|               | N-Nitrosodiphenylamine            | 130           |                | 25,000     |               | 1          | 5.6       | < 0.22           | < 0.21  |
|               | Nitrobenzene                      | 39            | 92             | 1,000      | 9.4           | 0.1        | 0.1       | < 0.042          | < 0.041 |
|               | Pentachlorophenol                 | 3             |                | 520        |               | 0.03       | 0.14      | < 0.086          | < 0.084 |
| 108-95-2      |                                   | 23,000        |                | 61,000     |               | 100        | 100       | < 0.22           | < 0.21  |
| 110-86-1      |                                   | ==,,,,,,      |                | ,          |               |            |           | < 0.99           | < 0.96  |
|               |                                   |               |                |            |               |            |           |                  |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 Client Sample ID: A-13 A-14

Date Collected: 01/22/2019 09:00 01/22/2019 09:15

|           |                               | ·             |                | Constructi | on Worker     | Soil Com   | nonent of | 1                |                  |
|-----------|-------------------------------|---------------|----------------|------------|---------------|------------|-----------|------------------|------------------|
|           |                               | Residential R | loute Specific |            | ic Values for | Groundwat  |           |                  |                  |
|           |                               |               | for Soil       | •          | oil           | Exposure R |           |                  |                  |
| CAS No.   | Analyte                       | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I    | Class II  |                  |                  |
|           | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000      | 920           | 5          | 53        | < 0.21           | < 0.22           |
|           | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000     | 310           | 17         | 43        | < 0.21           | < 0.22           |
|           | 1,3-Dichlorobenzene           | · ·           |                | ,          |               |            |           | < 0.21           | < 0.22           |
|           | 1,4-Dichlorobenzene           |               | 11,000         |            | 340           | 2          | 11        | < 0.21           | < 0.22           |
|           | 2, 2'-oxybis(1-Chloropropane) |               |                |            |               |            |           | < 0.21           | < 0.22           |
|           | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000    |               | 270        | 1,400     | < 0.21           | < 0.22           |
|           | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000     | 540           | 0.2        | 0.77      | < 0.21           | < 0.22           |
|           | 2,4-Dichlorophenol            | 230           | •••            | 610        |               | 1          | 1         | < 0.21           | < 0.22           |
|           | 2,4-Dimethylphenol            | 1,600         |                | 41,000     |               | 9          | 9         | < 0.21           | < 0.22           |
| 51-28-5   | 2,4-Dinitrophenol             | 160           |                | 410        |               | 0.2        | 0.2       | < 1.0            | < 1.1            |
| 121-14-2  | 2,4-Dinitrotoluene            | 0.9           |                | 180        |               | 0.0008     | 0.0008    | < 0.040          | < 0.043          |
| 606-20-2  | 2,6-Dinitrotoluene            | 0.9           |                | 180        | ***           | 0.0007     | 0.0007    | < 0.040          | < 0.043          |
| 91-58-7   | 2-Chloronaphthalene           |               |                |            |               |            |           | < 0.21           | < 0.22           |
| 95-57-8   | 2-Chlorophenol                | 390           | 53,000         | 10,000     | 53,000        | 4          | 4         | < 0.21           | < 0.22           |
| 91-57-6   | 2-Methylnaphthalene           |               |                |            |               |            |           | < 0.21           | < 0.22           |
| 95-48-7   | 2-Methylphenol                | 3,900         | •••            | 100,000    |               | 15         | 15        | < 0.21           | < 0.22           |
| 88-74-4   | 2-Nitroaniline                |               |                |            |               |            |           | < 0.21           | < 0.22           |
| 88-75-5   | 2-Nitrophenol                 |               |                |            |               |            |           | < 0.21           | < 0.22           |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1             |                | 280        |               | 0.007      | 0.033     | < 0.21           | < 0.22           |
| 99-09-2   | 3-Nitroaniline                |               |                |            |               |            |           | < 0.21           | < 0.22           |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    |               |                |            |               |            |           | < 0.40           | < 0.43           |
| 101-55-3  | 4-Bromophenyl phenyl ether    |               | ·              |            | _             |            |           | < 0.21           | < 0.22           |
|           | 4-Chloro-3-methylphenol       |               |                |            |               |            |           | < 0.40           | < 0.43           |
|           | 4-Chloroaniline               | 310           |                | 820        | •••           | 0.7        | 0.7       | < 0.21           | < 0.22           |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |               |                |            |               |            |           | < 0.21           | < 0.22           |
|           | 4-Methylphenol                |               |                |            |               |            |           | < 0.21           | < 0.22           |
| 100-01-6  | 4-Nitroaniline                |               |                |            |               |            |           | < 0.21           | < 0.22           |
|           | 4-Nitrophenol                 |               |                |            |               |            |           | < 0.40           | < 0.43           |
| 62-53-3   | Aniline                       |               |                |            |               |            |           | < 0.41           | < 0.43           |
|           | Benzidine                     |               |                |            |               |            |           | < 0.40           | < 0.43           |
|           | Benzoic acid                  | 310,000       |                | 820,000    |               | 400        | 400       | < 1.0            | < 1.1            |
|           | Benzyl alcohol                |               |                |            |               |            |           | < 0.21           | < 0.22           |
|           | Bis(2-chloroethoxy)methane    |               |                |            |               |            |           | < 0.21           | < 0.22           |
|           | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75         | 0.66          | 0.0004     | 0.0004    | < 0.21           | < 0.22           |
|           | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100      | 31,000        | 3,600      | 31,000    | < 1.0            | < 1.1            |
|           | Butyl benzyl phthalate        | 16,000        | 930            | 410,000    | 930           | 930        | 930       | < 0.21           | < 0.22           |
| 86-74-8   | Carbazole                     | 32            |                | 6,200      | ,             | 0.6        | 2.8       | < 0.21           | < 0.22           |
|           | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000    | 2,300         | 2,300      | 2,300     | < 0.21           | < 0.22           |
|           | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100      | 10,000        | 10,000     | 10,000    | < 0.21           | < 0.22           |
|           | Dibenzofuran                  | (2.22         | 2.000          | 1 000 000  | 2.000         | - 450      | 450       | < 0.21           | < 0.22           |
|           | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000  | 2,000         | 470        | 470       | < 0.21           | < 0.22           |
|           | Dimethyl phthalate            |               |                |            |               |            | <u> </u>  | < 0.21           | < 0.22           |
|           | Hexachlorobenzene             | 0.4           | 1              | 78         | 2.6           | 2          | 11        | < 0.21           | < 0.22           |
|           | Hexachlorobutadiene           | 550           | 10             | 14.000     | <b></b>       | 400        | 2 200     | < 0.21           | < 0.22           |
|           | Hexachlorocyclopentadiene     | 550           | 10             | 14,000     | 1.1           | 400        | 2,200     | < 0.21           | < 0.22           |
| -         | Hexachloroethane              | 78            | 4.600          | 2,000      | 4.600         | 0.5        | 2.6       | < 0.21           | < 0.22           |
|           | Isophorone                    | 15,600        | 4,600          | 410,000    | 4,600         | 8          | 0.00005   | < 0.21           | < 0.22           |
|           | N-Nitrosodi-n-propylamine     | 0.09          |                | 18         |               | 0.00005    | 0.00005   | < 0.040          | < 0.043          |
|           | N-Nitrosodimethylamine        | 120           |                | 35,000     |               |            | 5.4       | < 0.21<br>< 0.21 | < 0.22<br>< 0.22 |
|           | N-Nitrosodiphenylamine        | 130           |                | 25,000     |               | 1          | 5.6       |                  | < 0.043          |
|           | Nitrobenzene                  | 39            | 92             | 1,000      | 9.4           | 0.1        | 0.1       | < 0.040          | < 0.043          |
|           | Pentachlorophenol             | 3             |                | 520        |               | 0.03       | 0.14      | < 0.082          | < 0.086          |
| 108-95-2  |                               | 23,000        |                | 61,000     |               | 100        | 100       | < 0.21           | < 0.99           |
| 110-86-1  | Pyridine                      |               |                |            |               |            |           | < 0.94           | <u> </u>         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-015 19010565-016 Client Sample ID: A-15 A-16

Date Collected: 01/22/2019 09:30 01/22/2019 09:45

|           |                               |               |                | Constructi | on Worker     | Soil Com | ponent of    |         |         |
|-----------|-------------------------------|---------------|----------------|------------|---------------|----------|--------------|---------|---------|
|           |                               | Pacidential B | Route Specific |            | ic Values for |          | er Ingestion |         |         |
|           |                               | 4             | for Soil       | -          | oil           |          | oute Values  |         |         |
| CAS No.   | Analyte                       | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I  | Class II     |         |         |
| 120-82-1  | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000      | 920           | 5        | 53           | < 0.22  | < 0.22  |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000     | 310           | 17       | 43           | < 0.22  | < 0.22  |
| 7 0 0 0   | 1.3-Dichlorobenzene           | 7,000         | 300            | 10,000     | 310           |          | 73           | < 0.22  | < 0.22  |
|           | 1,4-Dichlorobenzene           |               | 11,000         |            | 340           | 2        | 11           | < 0.22  | < 0.22  |
|           | 2, 2'-oxybis(1-Chloropropane) |               | 11,000         |            | 340           |          |              | < 0.22  | < 0.22  |
| 95-95-4   | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000    |               | 270      | 1,400        | < 0.22  | < 0.22  |
| 88-06-2   | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000     | 540           | 0.2      | 0.77         | < 0.22  | < 0.22  |
|           | 2,4-Dichlorophenol            | 230           |                | 610        |               | 1        | 1            | < 0.22  | < 0.22  |
|           | 2,4-Dimethylphenol            | 1,600         |                | 41,000     | •••           | 9        | 9            | < 0.22  | < 0.22  |
|           | 2.4-Dinitrophenol             | 160           |                | 410        | •••           | 0.2      | 0.2          | < 1.1   | < 1.1   |
|           | 2,4-Dinitrotoluene            | 0.9           |                | 180        |               | 0.0008   | 0.0008       | < 0.043 | < 0.043 |
|           | 2,6-Dinitrotoluene            | 0.9           |                | 180        |               | 0.0007   | 0.0007       | < 0.043 | < 0.043 |
|           | 2-Chloronaphthalene           | - 412         |                |            |               |          | 0.0007       | < 0.22  | < 0.22  |
|           | 2-Chlorophenol                | 390           | 53,000         | 10,000     | 53,000        | 4        | 4            | < 0.22  | < 0.22  |
|           | 2-Methylnaphthalene           |               |                | ,          |               |          |              | < 0.22  | < 0.22  |
|           | 2-Methylphenol                | 3,900         |                | 100,000    | ***           | 15       | 15           | < 0.22  | < 0.22  |
|           | 2-Nitroaniline                |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | 2-Nitrophenol                 |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | 3,3'-Dichlorobenzidine        | 1             |                | 280        |               | 0.007    | 0.033        | < 0.22  | < 0.22  |
|           | 3-Nitroaniline                |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | 4,6-Dinitro-2-methylphenol    |               |                |            |               |          |              | < 0.43  | < 0.43  |
|           | 4-Bromophenyl phenyl ether    |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | 4-Chloro-3-methylphenol       |               |                |            |               |          |              | < 0.43  | < 0.43  |
|           | 4-Chloroaniline               | 310           |                | 820        | •••           | 0.7      | 0.7          | < 0.22  | < 0.22  |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | 4-Methylphenol                |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | 4-Nitroaniline                | 1             |                |            |               |          |              | < 0.22  | < 0.22  |
| 100-02-7  | 4-Nitrophenol                 |               | -              |            |               |          |              | < 0.43  | < 0.43  |
| 62-53-3   | Aniline                       | •             |                |            |               |          |              | < 0.44  | < 0.43  |
| 92-87-5   | Benzidine                     |               |                |            |               |          |              | < 0.43  | < 0.43  |
| 65-85-0   | Benzoic acid                  | 310,000       |                | 820,000    |               | 400      | 400          | < 1.1   | < 1.1   |
| 100-51-6  | Benzyl alcohol                |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | Bis(2-chloroethoxy)methane    |               |                |            |               | •        |              | < 0.22  | < 0.22  |
| 111-44-4  | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75         | 0.66          | 0.0004   | 0.0004       | < 0.22  | < 0.22  |
| 117-81-7  | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100      | 31,000        | 3,600    | 31,000       | < 1.1   | < 1.1   |
| 85-68-7   | Butyl benzyl phthalate        | 16,000        | 930            | 410,000    | 930           | 930      | 930          | < 0.22  | < 0.22  |
| 86-74-8   | Carbazole                     | 32            | •••            | 6,200      |               | 0.6      | 2.8          | < 0.22  | < 0.22  |
|           | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000    | 2,300         | 2,300    | 2,300        | < 0.22  | < 0.22  |
| 117-84-0  | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100      | 10,000        | 10,000   | 10,000_      | < 0.22  | < 0.22  |
| 132-64-9  | Dibenzofuran                  |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000  | 2,000         | 470      | 470          | < 0.22  | < 0.22  |
|           | Dimethyl phthalate            |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | Hexachlorobenzene             | 0.4           | 1              | 78         | 2.6           | 2        | 11           | < 0.22  | < 0.22  |
|           | Hexachlorobutadiene           |               |                |            |               |          |              | < 0.22  | < 0.22  |
|           | Hexachlorocyclopentadiene     | 550           | 10             | 14,000     | 1.1           | 400      | 2,200        | < 0.22  | < 0.22  |
|           | Hexachloroethane              | 78            |                | 2,000      | •••           | 0.5      | 2.6          | < 0.22  | < 0.22  |
|           | Isophorone                    | 15,600        | 4,600          | 410,000    | 4,600         | - 8      | 8            | < 0.22  | < 0.22  |
|           | N-Nitrosodi-n-propylamine     | 0.09          | •••            | 18         |               | 0.00005  | 0.00005      | < 0.043 | < 0.043 |
|           | N-Nitrosodimethylamine        |               |                |            |               |          | _            | < 0.22  | < 0.22  |
|           | N-Nitrosodiphenylamine        | 130           |                | 25,000     |               | 1        | 5.6          | < 0.22  | < 0.22  |
|           | Nitrobenzene                  | 39            | 92             | 1,000      | 9.4           | 0.1      | 0.1          | < 0.043 | < 0.043 |
|           | Pentachlorophenol             | 3             |                | 520        |               | 0.03     | 0.14         | < 0.088 | < 0.086 |
| 108-95-2  |                               | 23,000        | ***            | 61,000     |               | 100      | 100          | < 0.22  | < 0.22  |
| 110-86-1  | Pyridine                      |               |                |            |               |          |              | < 1.0   | < 0.99  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-017 Client Sample ID: A-17 Date Collected: 01/22/2019 10:00

|                    |                               |              |                | G         | 31/  | S-11 C  |                       | 1                |
|--------------------|-------------------------------|--------------|----------------|-----------|--|---------|-----------------------|------------------|
|                    |                               | D            | 6              |           | on Worker  |         | ponent of             |                  |
|                    |                               |              | loute Specific | •         | ic Values for                                    |         | er Ingestion          |                  |
| CACN-              | A S                           |              | for Soil       |           | oil<br>Labolation                                | Class I | oute Values  Class II |                  |
| CAS No.            | Analyte                       | Ingestion    | Inhalation     | Ingestion | Inhalation<br>920                                | Class I | 53                    | < 0.21           |
|                    | 1,2,4-Trichlorobenzene        | 780          | 3,200          | 2,000     |  |         |                       | < 0.21           |
| 95-50-1            | 1,2-Dichlorobenzene           | 7,000        | 560            | 18,000    | 310  | 17      | 43                    | < 0.21           |
|                    | 1,3-Dichlorobenzene           |              | 11.000         |           | 240  |         | 1,                    | < 0.21           |
| 106-46-7           | 1,4-Dichlorobenzene           |              | 11,000         |           | 340  | 2       | 11                    | < 0.21           |
|                    | 2, 2'-oxybis(1-Chloropropane) | 7.000        | t              | 200.000   | -  | 270     | 1 400                 | < 0.21           |
| 95-95-4            | 2,4,5-Trichlorophenol         | 7,800        | 200            | 200,000   | 640  | 0.2     | 1,400<br>0.77         | < 0.21           |
| 88-06-2            | 2,4,6-Trichlorophenol         | 58           | 200            | 11,000    | 540  | 1       | 0.77                  | < 0.21           |
|                    | 2,4-Dichlorophenol            | 230          |                | 610       |  | 9       | 9                     | < 0.21           |
|                    | 2,4-Dimethylphenol            | 1,600        |                | 41,000    | <del>                                     </del> | 0.2     | 0.2                   | < 1.0            |
| 51-28-5            | 2,4-Dinitrophenol             | 160          |                | 410       |  |         | 0.0008                | < 0.041          |
| 121-14-2           | 2,4-Dinitrotoluene            | 0.9          | •••            | 180       |  | 0.0008  | 0.0008                | < 0.041          |
|                    | 2,6-Dinitrotoluene            | 0.9          |                | 180       |  | 0.0007  | 0.0007                | < 0.041          |
| 91-58-7            | 2-Chloronaphthalene           | 200          | 62.000         | 10.000    | 63,000   |         | 4                     |                  |
| 95-57-8            | 2-Chlorophenol                | 390          | 53,000         | 10,000    | 53,000   | 4       | 4                     | < 0.21<br>< 0.21 |
| 91-57-6            | 2-Methylnaphthalene           | 2 000        |                | 100.000   |  | 16      | 16                    | < 0.21           |
| 95-48-7<br>88-74-4 | 2-Methylphenol                | 3,900        |                | 100,000   |  | 15      | 15                    | < 0.21           |
|                    | 2-Nitroaniline                |              |                |           |  |         |                       | < 0.21           |
| 88-75-5            | 2-Nitrophenol                 | ļ <u>,</u>   |                | 200       |  | 0.007   | 0.022                 | < 0.21           |
| 91-94-1            | 3,3'-Dichlorobenzidine        | 1            |                | 280       |  | 0.007   | 0.033                 | < 0.21           |
| 99-09-2            | 3-Nitroaniline                |              |                |           |  |         |                       | < 0.41           |
|                    | 4,6-Dinitro-2-methylphenol    |              |                |           |  |         |                       | < 0.41           |
|                    | 4-Bromophenyl phenyl ether    |              |                |           | ļ  |         |                       | < 0.21           |
| 59-50-7            | 4-Chloro-3-methylphenol       | 212          |                | 000       |  | 0.7     | 0.2                   | < 0.41           |
|                    | 4-Chloroaniline               | 310          | •••            | 820       |  | 0.7     | 0.7                   |                  |
|                    | 4-Chlorophenyl phenyl ether   |              |                |           |  |         |                       | < 0.21<br>< 0.21 |
|                    | 4-Methylphenol                |              |                |           |  |         |                       |                  |
|                    | 4-Nitroaniline                |              |                |           |  |         |                       | < 0.21           |
|                    | 4-Nitrophenol                 |              |                |           |  |         |                       | < 0.41           |
| 62-53-3            | Aniline                       |              |                |           |  |         |                       |                  |
| 92-87-5            | Benzidine                     | 210.000      |                | 000 000   | _  | 400     | 400                   | < 0.41           |
| 65-85-0            | Benzoic acid                  | 310,000      | •••            | 820,000   |  | 400     | 400                   | < 1.0            |
|                    | Benzyl alcohol                |              |                |           |  |         |                       | < 0.21           |
|                    | Bis(2-chloroethoxy)methane    | <del></del>  |                |           | 0.66   | 0.0004  | 0.0004                | < 0.21<br>< 0.21 |
|                    | Bis(2-chloroethyl)ether       | 0.6          | 0.2            | 75        | 0.66   | 0.0004  | 0.0004                |                  |
| 117-81-7           | Bis(2-ethylhexyl)phthalate    | 46           | 31,000         | 4,100     | 31,000   | 3,600   | 31,000                | < 1.0            |
| 85-68-7            | Butyl benzyl phthalate        | 16,000       | 930            | 410,000   | 930  | 930     | 930                   | < 0.21           |
| 86-74-8            | Carbazole                     | 32           | 2.200          | 6,200     | 2 200  | 0.6     | 2.8                   | < 0.21           |
| 84-74-2            | Di-n-butyl phthalate          | 7,800        | 2,300          | 200,000   | 2,300  | 2,300   | 2,300                 | < 0.21           |
|                    | Di-n-octyl phthalate          | 1,600        | 10,000         | 4,100     | 10,000   | 10,000  | 10,000                | < 0.21           |
|                    | Dibenzofuran                  |              | 2 6 6 6        | 1 000 000 | 0.000  | 450     | 420                   | < 0.21           |
| 84-66-2            | Diethyl phthalate             | 63,000       | 2,000          | 1,000,000 | 2,000  | 470     | 470                   | < 0.21           |
| 131-11-3           | Dimethyl phthalate            | <del> </del> |                |           |  |         | <u> </u>              | < 0.21           |
|                    | Hexachlorobenzene             | 0.4          | 1              | 78        | 2.6  | 2       | 11                    | < 0.21           |
| 87-68-3            | Hexachlorobutadiene           |              |                |           |  | 400     | 2 2 2 2               | < 0.21           |
| 77-47-4            | Hexachlorocyclopentadiene     | 550          | 10             | 14,000    | 1.1  | 400     | 2,200                 | < 0.21           |
| 67-72-1            | Hexachloroethane              | 78           | •••            | 2,000     | 4.600  | 0.5     | 2.6                   | < 0.21           |
| 78-59-1            | Isophorone                    | 15,600       | 4,600          | 410,000   | 4,600  | 8       | 8                     | < 0.21           |
|                    | N-Nitrosodi-n-propylamine     | 0.09         |                | 18        | •••  | 0.00005 | 0.00005               | < 0.041          |
| 62-75-9            | N-Nitrosodimethylamine        |              |                |           | ļ  |         |                       | < 0.21           |
| 86-30-6            | N-Nitrosodiphenylamine        | 130          |                | 25,000    |  | 1       | 5.6                   | < 0.21           |
| 98-95-3            | Nitrobenzene                  | 39           | _92            | 1,000     | 9.4  | 0.1     | 0.1                   | < 0.041          |
| 87-86-5            | Pentachlorophenol             | 3            | *              | 520       |  | 0.03    | 0.14                  | < 0.083          |
| 108-95-2           |                               | 23,000       |                | 61,000    |  | 100     | 100                   | < 0.21           |
| 110-86-1           | Pyridine                      |              |                |           |  |         |                       | < 0.95           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003 19010565-004

Client Sample ID: A-1 A-2 A-3 A-4

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45

|            |              |           | Route Specific<br>for Soil | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>ter Ingestion<br>loute Values |         |        |         |         |
|------------|--------------|-----------|----------------------------|--------------|------------------------------------|-----------|--|---------|--------|---------|---------|
| CAS No.    | Analyte      | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                   |         |        |         |         |
| 12674-11-2 | Aroclor 1016 | 1         | •••                        | 1            | _                                  |           |  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |
| 11104-28-2 | Aroclor 1221 | 1         | ***                        | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |
| 11141-16-5 | Aroclor 1232 | 1         | ***                        | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |
| 53469-21-9 | Aroclor 1242 | 1         |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |
| 12672-29-6 | Aroclor 1248 | 1         |                            | 1            |                                    |           | _  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |
| 11097-69-1 | Aroclor 1254 | 1         |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |
| 11096-82-5 | Aroclor 1260 | 1         |                            | 1            | _                                  |           |  | < 0.095 | < 0.10 | < 0.098 | < 0.099 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-005 19010565-006 19010565-007 19010565-008

Client Sample ID: A-5 A-6 A-7 A-8

Date Collected: 01/22/2019 07:00 01/22/2019 07:15 01/22/2019 07:30 01/22/2019 07:45

|            |              |           | Route Specific<br>for Soil | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |         |        |        |         |
|------------|--------------|-----------|----------------------------|--------------|------------------------------------|-----------|--|---------|--------|--------|---------|
| CAS No.    | Analyte      | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                 |         |        |        |         |
| 12674-11-2 | Aroclor 1016 | 1         |                            | 1            |                                    |           |  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |
| 11104-28-2 | Aroclor 1221 | 1         | _                          | 1            |                                    |           |  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |
| 11141-16-5 | Aroclor 1232 | 1         |                            | 1            | ***                                | ***       |  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |
| 53469-21-9 | Aroclor 1242 | 1         | ***                        | 1            |                                    | •••       |  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |
| 12672-29-6 | Aroclor 1248 | 1         |                            | 1            |                                    |           |  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |
| 11097-69-1 | Aroclor 1254 | 1         |                            | 1            |                                    |           |  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |
| 11096-82-5 | Aroclor 1260 | 1         |                            | 1            |                                    | _         | -  | < 0.099 | < 0.10 | < 0.10 | < 0.099 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-009 19010565-010 19010565-011 19010565-012

Client Sample ID: A-9 A-10 A-11 A-12
Date Collected: 01/22/2019 08:00 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

|            |              | Residential R<br>Values | Route Specific<br>for Soil | Route Specia | on Worker<br>lic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |         |        |        |         |
|------------|--------------|-------------------------|----------------------------|--------------|------------------------------------|-----------|--|---------|--------|--------|---------|
| CAS No.    | Analyte      | Ingestion               | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                 |         |        |        |         |
| 12674-11-2 | Aroclor 1016 | 1                       |                            | 1            |                                    |           | ***                                      | < 0.095 | < 0.10 | < 0.10 | < 0.099 |
| 11104-28-2 | Aroclor 1221 | i                       |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.10 | < 0.099 |
| 11141-16-5 | Aroclor 1232 | 1                       |                            | 1            |                                    | •••       | •••                                      | < 0.095 | < 0.10 | < 0.10 | < 0.099 |
| 53469-21-9 | Aroclor 1242 | 1                       |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.10 | < 0.099 |
| 12672-29-6 | Aroclor 1248 | i                       |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.10 | < 0.099 |
| 11097-69-1 | Aroclor 1254 | 1                       |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.10 | < 0.099 |
| 11096-82-5 | Aroclor 1260 | 1                       |                            | 1            |                                    |           |  | < 0.095 | < 0.10 | < 0.10 | < 0.099 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-015 19010565-016

Client Sample ID: A-13 A-14 A-15 A-16

Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30 01/22/2019 09:45

|                |            |           | toute Specific<br>for Soil | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |         |        |        |        |
|----------------|------------|-----------|----------------------------|--------------|------------------------------------|-----------|--|---------|--------|--------|--------|
| CAS No.        | Analyte    | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                 |         |        |        |        |
| 12674-11-2 Arc | oclor 1016 | 1         |                            | 1            |                                    |           |  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |
| 11104-28-2 Arc | oclor 1221 | 1         |                            | 1            | _                                  |           | -  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |
| 11141-16-5 Arc | oclor 1232 | 1         |                            | 1            |                                    | •••       |  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |
| 53469-21-9 Arc | oclor 1242 | 1         |                            | 1            |                                    |           |  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |
| 12672-29-6 Arc | oclor 1248 | 1         |                            | 1            |                                    |           |  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |
| 11097-69-1 Arc | oclor 1254 | 1         |                            | 1            |                                    |           |  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |
| 11096-82-5 Arc | oclor 1260 | 1         |                            | 1            |                                    |           |  | < 0.098 | < 0.10 | < 0.10 | < 0.10 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-017

Client Sample ID:

A-17

Date Collected: 01/22/2019 10:00

|            |              | i i       | Route Specific<br>for Soil | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>loute Values |         |
|------------|--------------|-----------|----------------------------|--------------|------------------------------------|-----------|---|---------|
| CAS No.    | Analyte      | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                  |         |
| 12674-11-2 | Aroclor 1016 | 1         |                            | 1            |                                    | ***       |   | < 0.098 |
| 11104-28-2 | Aroclor 1221 | 1         |                            | 1            |                                    |           |   | < 0.098 |
| 11141-16-5 | Aroclor 1232 | 1         |                            | 1            |                                    |           |   | < 0.098 |
| 53469-21-9 | Aroclor 1242 | 1         |                            | 1            |                                    |           |   | < 0.098 |
| 12672-29-6 | Aroclor 1248 | 1         |                            | 1            |                                    |           |   | < 0.098 |
| 11097-69-1 | Aroclor 1254 | 1         |                            | 1            |                                    |           |   | < 0.098 |
| 11096-82-5 | Aroclor 1260 | 1         |                            | 1            |                                    |           |   | < 0.098 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003 19010565-004 Client Sample ID: A-1 A-2 A-3 A-4

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45

|            |                    |               |                | Constructi   | on Worker      | Soil Com   | ponent of    |          |          |          |   |
|------------|--------------------|---------------|----------------|--------------|----------------|------------|--------------|----------|----------|----------|---|
|            |                    | Residential F | Route Specific | Route Specia | fic Values for | Groundwat  | er Ingestion |          |          |          |   |
|            |                    | Values        | for Soil       | S            | oil            | Exposure R | oute Values  |          |          |          |   |
| CAS No.    | Analyte            | Ingestion     | Inhalation     | Ingestion    | Inhalation     | Class I    | Class II     | ı.       | _        |          |   |
| 72-54-8    | 4,4´-DDD           | 3             | •••            | 520          |                | 16         | 80           | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 72-55-9    | 4,4'-DDE           | 2             | •••            | 370          | _              | 54         | 270          | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 50-29-3    | 4,4'-DDT           | 2             |                | 100          | 2,100          | 32         | 160          | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 309-00-2   | Aldrin             | 0.04          | 3              | 6.1          | 9.3            | 0.5        | 2.5          | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 319-84-6   | alpha-BHC          | 0.1           | 0.8            | 20           | 2.1            | 0.0005     | 0.003        | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 5103-71-9  | alpha-Chlordane    |               |                |              | , -            |            |              | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 319-85-7   | beta-BHC           |               |                |              | _              |            |              | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 57-74-9    | Chlordane          | 1.8           | 72             | 100          | 22             | 10         | 48           | < 0.019  | < 0.020  | < 0.020  |   |
| 319-86-8   | delta-BHC          |               |                |              |                |            |              | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 60-57-1    | Dieldrin           | 0.04          | 1              | 7.8          | 3.1            | 0.004      | 0.02         | < 0.0019 | < 0.0020 | < 0.0020 | Π |
| 959-98-8   | Endosulfan I       | 470           |                | 1,200        | -              | 18         | 90           | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 33213-65-9 | Endosulfan II      | 470           |                | 1,200        |                | 18         | 90           | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 1031-07-8  | Endosulfan sulfate |               |                |              |                |            |              | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 72-20-8    | Endrin             | 23            |                | 61           | _              | 1          | 5            | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 7421-93-4  | Endrin aldehyde    |               |                |              |                |            |              | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 53494-70-5 | Endrin ketone      |               |                |              |                |            |              | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 58-89-9    | gamma-BHC `        | 0.5           |                | 96           |                | 0.009      | 0.047        | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 5566-34-7  | gamma-Chlordane    |               |                |              |                |            |              | < 0.0019 | < 0.0020 | < 0.0020 | Г |
| 76-44-8    | Heptachlor         | 0.1           | 0.1            | 28           | 16             | 23         | 110          | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 1024-57-3  | Heptachlor epoxide | 0.07          | 5              | 2.7          | 13             | 0.7        | 3.3          | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 72-43-5    | Methoxychlor       | 390           |                | 1,000        |                | 160        | 780          | < 0.0019 | < 0.0020 | < 0.0020 |   |
| 8001-35-2  | Toxaphene          | 0.6           | 89             | 110          | 240            | 31         | 150          | < 0.039  | < 0.041  | < 0.040  | Γ |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-005 19010565-006 19010565-007 19010565-008

Client Sample ID: A-5 A-6 A-7 A-8

Date Collected: 01/22/2019 07:00 01/22/2019 07:15 01/22/2019 07:30 01/22/2019 07:45

|            |                    | B                       |            |              | on Worker  |           | ponent of               |          |          |          |          |
|------------|--------------------|-------------------------|------------|--------------|------------|-----------|-------------------------|----------|----------|----------|----------|
|            |                    | Residential R<br>Values | •          | Route Specif |            | Groundwat | -                       |          |          |          |          |
| CAS No.    | Analyte            | Ingestion               | Inhalation | Ingestion    | Inhalation | Class I   | oute Values<br>Class II |          |          |          |          |
|            | 4,4'-DDD           | 3                       |            | 520          |            | 16        | 80                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
|            | 4,4'-DDE           | 2                       |            | 370          | •••        | 54        | 270                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
|            | 4,4'-DDT           | 2                       |            | 100          | 2,100      | 32        | 160                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 309-00-2   | Aldrin             | 0.04                    | 3          | 6.1          | 9.3        | 0.5       | 2.5                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 319-84-6   | alpha-BHC          | 0.1                     | 0.8        | 20           | 2.1        | 0.0005    | 0.003                   | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
|            | alpha-Chlordane    |                         |            | <del></del>  |            |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 319-85-7   | beta-BHC           |                         |            |              |            |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 57-74-9    | Chlordane          | 1.8                     | 72         | 100          | 22         | 10        | 48                      | < 0.020  | < 0.020  | < 0.021  | < 0.020  |
| 319-86-8   | delta-BHC          |                         |            |              |            |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 60-57-1    | Dieldrin           | 0.04                    | 1          | 7.8          | 3.1        | 0.004     | 0.02                    | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 959-98-8   | Endosulfan I       | 470                     |            | 1,200        |            | 18        | 90                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 33213-65-9 | Endosulfan II      | 470                     | -          | 1,200        |            | 18        | 90                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate |                         |            |              | ·          |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 72-20-8    | Endrin             | 23                      |            | 61           |            | 1         | 5                       | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 7421-93-4  | Endrin aldehyde    |                         |            |              |            |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 53494-70-5 | Endrin ketone      |                         |            |              |            |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 58-89-9    | gamma-BHC          | 0.5                     |            | 96           | -          | 0.009     | 0.047                   | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 5566-34-7  | gamma-Chlordane    |                         |            |              |            |           |                         | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 76-44-8    | Heptachlor         | 0.1                     | 0.1        | 28           | 16         | 23        | 110                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide | 0.07                    | 5          | 2.7          | 13         | 0.7       | 3.3                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 72-43-5    | Methoxychlor       | 390                     |            | 1,000        |            | 160       | 780                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0020 |
| 8001-35-2  | Toxaphene          | 0.6                     | 89         | 110          | 240        | 31        | 150                     | < 0.041  | < 0.042  | < 0.043  | < 0.041  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-009 19010565-010 19010565-011 19010565-012

Client Sample ID : A-9 A-10 A-11 A-12

Date Collected: 01/22/2019 08:00 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

|            |                    | Residential R<br>Values | -          | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |          |          |          |          |
|------------|--------------------|-------------------------|------------|--------------|------------------------------------|-----------|--|----------|----------|----------|----------|
| CAS No.    | Analyte            | Ingestion               | Inhalation | Ingestion    | Inhalation                         | Class I   | Class II                                 |          |          |          |          |
| 72-54-8    | 4,4'-DDD           | 3                       |            | 520          |                                    | 16        | 80                                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 72-55-9    | 4,4'-DDE           | 2                       |            | 370          |                                    | 54        | 270                                      | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 50-29-3    | 4,4'-DDT           | 2                       |            | 100          | 2,100                              | 32        | 160                                      | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 309-00-2   | Aldrin             | 0.04                    | 3          | 6.1          | 9.3                                | 0.5       | 2.5                                      | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 319-84-6   | alpha-BHC          | 0.1                     | 0.8        | 20           | 2.1                                | 0.0005    | 0.003                                    | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 5103-71-9  | alpha-Chlordane    |                         |            |              |                                    |           |  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 319-85-7   | beta-BHC           |                         |            |              |                                    |           | _  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 57-74-9    | Chlordane          | 1.8                     | 72         | 100          | 22                                 | 10        | 48                                       | < 0.019  | < 0.020  | < 0.020  | < 0.020  |
| 319-86-8   | delta-BHC          |                         |            |              |                                    |           |  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 60-57-1    | Dieldrin           | 0.04                    | 1          | 7.8          | 3.1                                | 0.004     | 0.02                                     | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 959-98-8   | Endosulfan I       | 470                     |            | 1,200        |                                    | 18        | 90                                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 33213-65-9 | Endosulfan II      | 470                     | _          | 1,200        |                                    | 18        | 90                                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate |                         |            |              |                                    |           |  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 72-20-8    | Endrin             | 23                      | -          | 61           |                                    | 1         | 5  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 7421-93-4  | Endrin aldehyde    |                         |            |              |                                    |           |  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 53494-70-5 | Endrin ketone      |                         |            |              |                                    |           |  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 58-89-9    | gamma-BHC          | 0.5                     |            | 96           |                                    | 0.009     | 0.047                                    | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 5566-34-7  | gamma-Chlordane    |                         |            |              |                                    |           |  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 76-44-8    | Heptachlor         | 0.1                     | 0.1        | 28           | 16                                 | 23        | 110                                      | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide | 0.07                    | 5          | 2.7          | 13                                 | 0.7       | 3.3                                      | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 72-43-5    | Methoxychlor       | 390                     | ***        | 1,000        |                                    | 160       | 780                                      | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8001-35-2  | Toxaphene          | 0.6                     | 89         | 110          | 240                                | 31        | 150                                      | < 0.039  | < 0.041  | < 0.042  | < 0.041  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-015 19010565-016

Client Sample ID: A-13 A-14 A-15 A-16

Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30 01/22/2019 09:45

|            |                    | ľ         | Route Specific<br>for Soil | Route Specis | ion Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |          |          |          |          |
|------------|--------------------|-----------|----------------------------|--------------|-------------------------------------|-----------|--|----------|----------|----------|----------|
| CAS No.    | Analyte            | Ingestion | Inhalation                 | Ingestion    | Inhalation                          | Class I   | Class II                                 |          |          | = : -    |          |
|            | 4,4'-DDD           | 3         |                            | 520          |                                     | 16        | 80                                       | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 72-55-9    | 4,4'-DDE           | 2         |                            | 370          |                                     | 54        | 270                                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 50-29-3    | 4,4'-DDT           | 2         |                            | 100          | 2,100                               | 32        | 160                                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 309-00-2   | Aldrin             | 0.04      | 3                          | 6.1          | 9.3                                 | 0.5       | 2.5                                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 319-84-6   | alpha-BHC          | 0.1       | 0.8                        | 20           | 2.1                                 | 0.0005    | 0.003                                    | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 5103-71-9  | alpha-Chlordane    |           |                            |              |                                     |           |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 319-85-7   | beta-BHC           |           |                            |              |                                     |           |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 57-74-9    | Chlordane          | 1.8       | 72                         | 100          | 22                                  | 10        | 48                                       | < 0.020  | < 0.020  | < 0.021  | < 0.021  |
| 319-86-8   | delta-BHC          |           |                            |              |                                     |           |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 60-57-1    | Dieldrin           | 0.04      | 1                          | 7.8          | 3.1                                 | 0.004     | 0.02                                     | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 959-98-8   | Endosulfan I       | 470       | _                          | 1,200        |                                     | 18        | 90                                       | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 33213-65-9 | Endosulfan II      | 470       |                            | 1,200        |                                     | 18        | 90                                       | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 1031-07-8  | Endosulfan sulfate |           |                            |              |                                     |           |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 72-20-8    | Endrin             | 23        |                            | 61           |                                     | 1         | 5  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 7421-93-4  | Endrin aldehyde    |           |                            |              |                                     |           |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
|            | Endrin ketone      |           |                            |              |                                     | -         |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 58-89-9    | gamma-BHC          | 0.5       |                            | 96           |                                     | 0.009     | 0.047                                    | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 5566-34-7  | gamma-Chlordane    |           | 1                          |              |                                     |           |  | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 76-44-8    | Heptachlor         | 0.1       | 0.1                        | 28           | 16                                  | 23        | 110                                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
| 1024-57-3  | Heptachlor epoxide | 0.07      | 5                          | 2.7          | 13                                  | 0.7       | 3.3                                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.0021 |
|            | Methoxychlor       | 390       | _                          | 1,000        |                                     | 160       | 780                                      | < 0.0020 | < 0.0020 | < 0.0021 | < 0.002  |
|            | Toxaphene          | 0.6       | 89                         | 110          | 240                                 | 31        | 150                                      | < 0.041  | < 0.042  | < 0.043  | < 0.043  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-017
Client Sample ID: A-17
Date Collected: 01/22/2019 10:00

|            |                    |           | toute Specific<br>for Soil | Constructi<br>Route Specif<br>Sc | ic Values for | Groundwat | ponent of<br>er Ingestion<br>oute Values | •        |
|------------|--------------------|-----------|----------------------------|----------------------------------|---------------|-----------|--|----------|
| CAS No.    | Analyte            | Ingestion | Inhalation                 | Ingestion                        | Inhalation    | Class I   | Class II                                 |          |
| 72-54-8    | 4,4´-DDD           | 3         | ***                        | 520                              |               | 16        | 80                                       | < 0.0020 |
| 72-55-9    | 4,4'-DDE           | 2         |                            | 370                              | _             | 54        | 270                                      | < 0.0020 |
| 50-29-3    | 4,4'-DDT           | . 2       |                            | 100                              | 2,100         | 32        | 160                                      | < 0.0020 |
| 309-00-2   | Aldrin             | 0.04      | 3                          | 6.1                              | 9.3           | 0.5       | 2.5                                      | < 0.0020 |
| 319-84-6   | alpha-BHC          | 0.1       | 0.8                        | 20                               | 2.1           | 0.0005    | 0.003                                    | < 0.0020 |
| 5103-71-9  | alpha-Chlordane    |           |                            |                                  |               |           |  | < 0.0020 |
| 319-85-7   | beta-BHC           |           |                            |                                  |               |           |  | < 0.0020 |
| 57-74-9    | Chlordane          | 1.8       | 72                         | 100                              | 22            | 10        | 48                                       | < 0.020  |
| 319-86-8   | delta-BHC          |           |                            |                                  |               |           |  | < 0.0020 |
| 60-57-1    | Dieldrin           | 0.04      | 1                          | 7.8                              | 3.1           | 0.004     | 0.02                                     | < 0.0020 |
| 959-98-8   | Endosulfan I       | 470       |                            | 1,200                            |               | 18        | 90                                       | < 0.0020 |
| 33213-65-9 | Endosulfan II      | 470       | -                          | 1,200                            |               | 18        | 90                                       | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate |           |                            |                                  |               |           |  | < 0.0020 |
| 72-20-8    | Endrin             | 23        |                            | 61                               |               | 1 .       | 5  | < 0.0020 |
| 7421-93-4  | Endrin aldehyde    |           |                            |                                  |               |           |  | < 0.0020 |
| 53494-70-5 | Endrin ketone      |           |                            |                                  |               |           |  | < 0.0020 |
| 58-89-9    | gamma-BHC          | 0.5       |                            | 96                               |               | 0.009     | 0.047                                    | < 0.0020 |
| 5566-34-7  | gamma-Chlordane    |           |                            |                                  |               |           |  | < 0.0020 |
| 76-44-8    | Heptachlor         | 0.1       | 0.1                        | 28                               | 16            | 23        | 110                                      | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide | 0.07      | 5                          | 2.7                              | 13            | 0.7       | 3.3                                      | < 0.0020 |
| 72-43-5    | Methoxychlor       | 390       | ***                        | 1,000                            |               | 160       | 780                                      | < 0.0020 |
| 8001-35-2  | Toxaphene          | 0.6       | 89                         | 110                              | 240           | 31        | 150                                      | < 0.040  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003

Client Sample ID: A-1 A-2 A-3 A-4

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45

|                     |               |               | Constructi   | on Worker     | Soil Compo   | nent of  |        |        |        |        |
|---------------------|---------------|---------------|--------------|---------------|--------------|----------|--------|--------|--------|--------|
|                     | Residential R | oute Specific | Route Specif | ic Values for | Groundwater  |          |        |        |        |        |
|                     | Values        | for Soil      | S            | oil           | Exposure Rou |          |        |        |        |        |
| CAS No. Analyte     | Ingestion     | Inhalation    | Ingestion    | Inhalation    |              | Class II |        |        |        |        |
| 7429-90-5 Aluminum  |               |               |              |               | Ľ,           |          | 13000  | 14000  | 15000  | 13000  |
| 7440-36-0 Antimony  | 31            |               | 82           |               |              |          | < 2.1  | < 2.3  | < 2.2  | < 2.2  |
| 7440-38-2 Arsenic   | 13.0/11.3     | 750           | 61           | 25,000        |              |          | 4.0    | 13     | - 5.3  | 4.9    |
| 7440-39-3 Barium    | 5,500         | 690,000       | 14,000       | 870,000       |              |          | 30     | 48     | 120    | 78     |
| 7440-41-7 Beryllium | 160           | 1,300         | 410          | 44,000        |              |          | 0.80   | 0.91   | 1.0    | 0.84   |
| 7440-43-9 Cadmium   | 78            | 1,800         | 200          | 59,000        |              |          | < 0.52 | < 0.57 | < 0.56 | < 0.55 |
| 7440-70-2 Calcium   |               |               |              | -             |              |          | 69000  | 64000  | 68000  | 66000  |
| 7440-47-3 Chromium  | 230           | 270           | 4,100        | 690           |              |          | 24     | 28     | 30     | 26     |
| 7440-48-4 Cobalt    | 4,700         |               | 12,000       |               |              |          | 11     | 20     | 14     | 12     |
| 7440-50-8 Copper    | 2,900         |               | 8,200        |               |              |          | 26     | 29     | 31     | 23     |
| 57-12-5 Cyanide     | 1,600         |               | 4,100        | -             |              |          | < 0.30 | < 0.32 | < 0.31 | < 0.31 |
| 7439-89-6 Iron      |               | •••           |              | -             |              |          | 23000  | 25000  | 30000  | 24000  |
| 7439-92-1 Lead      | 400           | 1             | 700          |               |              |          | 14     | 19     | 15     | 12     |
| 7439-95-4 Magnesium | 325,000       | -             | 730,000      |               |              | 1        | 34000  | 33000  | 35000  | 32000  |
| 7439-96-5 Manganese | 1,600         | 69,000        | 4,100        | 8,700         |              |          | 420    | 480    | 540    | 480    |
| 7439-97-6 Mercury   | 23            | 10            | 61           | 0.1           |              |          | 0.023  | 0.026  | 0.022  | 0.026  |
| 7440-02-0 Nickel    | 1,600         | 13,000        | 4,100        | 440,000       |              |          | 31     | 53     | 42     | 36     |
| 7440-09-7 Potassium |               | -             |              |               |              |          | 2900   | 3700   | 3600   | 3400   |
| 7782-49-2 Selenium  | 390           | -             | 1,000        |               |              |          | 1.0    | 1.1    | < 1.1  | 1.3    |
| 7440-22-4 Silver    | 390           | •••           | 1,000        |               |              |          | < 1.0  | < 1.1  | < 1.1  | < 1.1  |
| 7440-23-5 Sodium    | ***           |               |              | _             |              |          | 810    | 210    | 210    | 190    |
| 7440-28-0 Thallium  | 6.3           |               | 160          | ***           |              |          | < 1.0  | < 1.1  | < 1.1  | < 1.1  |
| 7440-62-2 Vanadium  | 550           | •••           | 1,400        |               |              |          | 29     | 30     | 30     | 26     |
| 7440-66-6 Zinc      | 23,000        | ***           | 61,000       |               |              |          | 51     | 58     | 57     | 50     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

19010565-004

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-005 19010565-006 19010565-007 19010565-008

Client Sample ID: A-5 A-6 A-7 A-8

Date Collected: 01/22/2019 07:00 01/22/2019 07:15 01/22/2019 07:30 01/22/2019 07:45

|           |           |               | <del></del>   | Constructi   | on Worker     | Soil Comp   | onent of   |        |        |         |        |
|-----------|-----------|---------------|---------------|--------------|---------------|-------------|------------|--------|--------|---------|--------|
|           |           | Residential R | oute Specific | Route Specif | ic Values for | Groundwate  |            |        |        |         |        |
|           |           | Values        | for Soil      | So           | oil           | Exposure Ro | ute Values |        |        |         |        |
| CAS No.   | Analyte   | Ingestion     | Inhalation    | Ingestion    | Inhalation    | Class I     | Class II   |        |        |         |        |
| 7429-90-5 | Aluminum  |               |               |              |               |             |            | 15000  | 16000  | 17000   | 14000  |
| 7440-36-0 | Antimony  | 31            |               | 82           | _             |             |            | < 2.1  | < 2.1  | < 2.2   | < 2.2  |
| 7440-38-2 | Arsenic   | 13.0/11.3     | 750           | 61           | 25,000        |             |            | 6.4    | 5.5    | 5.1     | 8.1    |
| 7440-39-3 | Barium    | 5,500         | 690,000       | 14,000       | 870,000       |             |            | 91     | 100    | 110     | 59     |
| 7440-41-7 | Beryllium | 160           | 1,300         | 410          | 44,000        |             |            | 1.0    | 0.97   | 1.1     | 0.83   |
| 7440-43-9 | Cadmium   | 78            | 1,800         | 200          | 59,000        |             |            | < 0.52 | < 0.53 | < 0.55  | < 0.56 |
| 7440-70-2 | Calcium   |               |               |              |               |             |            | 63000  | 74000  | 67000   | 60000  |
| 7440-47-3 | Chromium  | 230           | 270           | 4,100        | 690           |             |            | 30     | 32     | 35      | 28     |
| 7440-48-4 |           | 4,700         |               | 12,000       |               |             |            | 12     | 15     | 16      | 18     |
| 7440-50-8 | Соррег    | 2,900         |               | 8,200        |               |             |            | 29     | 29     | 32      | 29     |
| 57-12-5   | Cyanide   | 1,600         |               | 4,100        |               |             |            | < 0.31 | < 0.32 | < 0.32  | < 0.31 |
| 7439-89-6 | Iron      |               |               |              |               |             |            | 33000  | 27000  | 34000   | 24000  |
| 7439-92-1 | Lead      | 400           | -             | 700          |               |             |            | 14     | 15     | 15      | 16     |
| 7439-95-4 | Magnesium | 325,000       | 1             | 730,000      | -             |             |            | 31000  | 37000  | 33000   | 31000  |
| 7439-96-5 | Manganese | 1,600         | 69,000        | 4,100        | 8,700         |             |            | 500    | 540    | 540     | 470    |
| 7439-97-6 | Mercury   | 23            | 10            | 61           | 0.1           |             |            | 0.026  | 0.028  | < 0.024 | 0.028  |
| 7440-02-0 | Nickel    | 1,600         | 13,000        | 4,100        | 440,000       |             |            | 38     | 41     | 47      | 46     |
| 7440-09-7 | Potassium | -             | 1             | -            | •••           |             |            | 4000   | 4100   | 4100    | 3700   |
| 7782-49-2 | Selenium  | 390           | ***           | 1,000        |               |             |            | 1.1    | 1.4    | 1.3     | 1.4    |
| 7440-22-4 | Silver    | 390           |               | 1,000        | ***           |             |            | < 1.0  | < 1.1  | < 1.1   | < 1.1  |
| 7440-23-5 | Sodium    |               | -             |              |               |             |            | 210    | 220    | 230     | 190    |
| 7440-28-0 | Thallium  | 6.3           |               | 160          |               |             |            | < 1.0  | < 1.1  | < 1.1   | < 1.1  |
| 7440-62-2 | Vanadium  | 550           | -             | 1,400        |               |             |            | 31     | 33     | 34      | 28     |
| 7440-66-6 | Zinc      | 23,000        |               | 61,000       |               |             |            | 55     | 59     | 62      | 56     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-009 19010565-010 19010565-011 19010565-012 Client Sample ID: A-9 A-10 A-11 A-12

Date Collected: 01/22/2019 08:00 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

|                     | Residential R<br>Values | toute Specific | Route Specif | on Worker<br>fic Values for<br>oil | Soil Com<br>Groundwate<br>Exposure R | er Ingestion |         |         |        |         |
|---------------------|-------------------------|----------------|--------------|------------------------------------|--------------------------------------|--------------|---------|---------|--------|---------|
| CAS No. Analyte     | Ingestion               | Inhalation     | Ingestion    | Inhalation                         | Class I                              | Class II     |         |         |        |         |
| 7429-90-5 Aluminum  |                         |                |              |                                    |                                      |              | 16000   | 13000   | 13000  | 15000   |
| 7440-36-0 Antimony  | 31                      | ŀ              | 82           |                                    |                                      |              | < 2.2   | < 2.3   | < 2.3  | < 2.2   |
| 7440-38-2 Arsenic   | 13.0/11.3               | 750            | 61           | 25,000                             |                                      |              | 6.9     | 3.9     | 7.2    | 9.1     |
| 7440-39-3 Barium    | 5,500                   | 690,000        | 14,000       | 870,000                            |                                      |              | 95      | 71      | 60     | 100     |
| 7440-41-7 Beryllium | 160                     | 1,300          | 410          | 44,000                             |                                      |              | 0.97    | 0.81    | 0.81   | 0.91    |
| 7440-43-9 Cadmium   | 78                      | 1,800          | 200          | 59,000                             |                                      |              | < 0.54  | < 0.57  | < 0.56 | < 0.56  |
| 7440-70-2 Calcium   |                         |                |              | _                                  |                                      |              | 76000   | 61000   | 64000  | 81000   |
| 7440-47-3 Chromium  | 230                     | 270            | 4,100        | 690                                |                                      |              | 30      | 26      | 26     | 30      |
| 7440-48-4 Cobalt    | 4,700                   |                | 12,000       |                                    |                                      |              | 16      | 10      | 14     | 15      |
| 7440-50-8 Соррег    | 2,900                   |                | 8,200        |                                    |                                      |              | 31      | 25      | 28     | 29      |
| 57-12-5 Cyanide     | 1,600                   | _              | 4,100        | -                                  |                                      |              | < 0.30  | < 0.32  | < 0.32 | < 0.31  |
| 7439-89-6 Iron      |                         |                |              |                                    |                                      |              | 27000   | 24000   | 26000  | 30000   |
| 7439-92-1 Lead      | 400                     |                | 700          |                                    |                                      |              | 15      | 12      | 16     | 15      |
| 7439-95-4 Magnesium | 325,000                 | _              | 730,000      |                                    |                                      |              | 38000   | 31000   | 32000  | 39000   |
| 7439-96-5 Manganese | 1,600                   | 69,000         | 4,100        | 8,700                              |                                      |              | 540     | 390     | 450    | 560     |
| 7439-97-6 Mercury   | 23                      | 10             | 61           | 0.1                                |                                      |              | < 0.021 | < 0.023 | 0.025  | < 0.020 |
| 7440-02-0 Nickel    | 1,600                   | 13,000         | 4,100        | 440,000                            |                                      |              | 42      | 31      | 39     | 41      |
| 7440-09-7 Potassium | ***                     |                |              |                                    |                                      |              | 4100    | 3300    | - 3100 | 3600    |
| 7782-49-2 Selenium  | 390                     |                | 1,000        |                                    |                                      |              | 1.3     | 1.4     | 1.3    | 1.4     |
| 7440-22-4 Silver    | 390                     |                | 1,000        |                                    |                                      |              | < 1.1   | < 1.1   | < 1.1  | < 1.1   |
| 7440-23-5 Sodium    |                         | _              |              |                                    |                                      |              | 230     | 190     | 190    | 210     |
| 7440-28-0 Thallium  | 6.3                     | ===            | 160          |                                    |                                      |              | < 1.1   | < 1.1   | < 1.1  | < 1.1   |
| 7440-62-2 Vanadium  | 550                     | _              | 1,400        |                                    |                                      |              | 33      | 29      | 28     | 31      |
| 7440-66-6 Zinc      | 23,000                  |                | 61,000       |                                    | -                                    | -            | 58      | 53      | 54     | 58      |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-015 19010565-016

Client Sample ID : A-13 A-14 A-15 A-16

Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30 01/22/2019 09:45

|                     | Desidential D |              |           | on Worker     | Soil Compo   |          |        |        |        |        |
|---------------------|---------------|--------------|-----------|---------------|--------------|----------|--------|--------|--------|--------|
|                     | Residential R | for Soil     | _         | ic Values for | Groundwater  |          |        |        |        |        |
| CAS No. Analyte     | Ingestion     | Inhalation   | Ingestion | Inhalation    | Exposure Ros | Class II |        |        |        |        |
| 7429-90-5 Aluminum  | Ingestion     | Initiatation | Ingestion | innaiation    | Class I      | Class II | 14000  | 12000  | 14000  | 12000  |
| 7440-36-0 Antimony  | 31            |              | 82        |               |              | -        | < 2.1  | < 2.2  | < 2.4  | < 2.3  |
| 7440-38-2 Arsenic   | 13.0/11.3     | 750          | 61        | 25,000        |              |          | 12     | 6.3    | 4.4    | 7.0    |
| 7440-39-3 Barium    | 5,500         | 690,000      | 14,000    | 870,000       |              |          | 120    | 33     | 51     | 31     |
| 7440-41-7 Beryllium | 160           | 1,300        | 410       | 44,000        |              |          | 0.94   | 0.70   | 0.79   | 0.73   |
| 7440-43-9 Cadmium   | 78            | 1,800        | 200       | 59,000        |              |          | < 0.54 | < 0.56 | < 0.60 | < 0.57 |
| 7440-70-2 Calcium   |               |              |           | -             |              |          | 76000  | 61000  | 56000  | 71000  |
| 7440-47-3 Chromium  | 230           | 270          | 4,100     | 690           |              |          | 29     | 23     | 27     | 24     |
| 7440-48-4 Cobalt    | 4,700         |              | 12,000    |               |              |          | 16     | 9.6    | 16     | 9.9    |
| 7440-50-8 Copper    | 2,900         |              | 8,200     |               |              |          | 39     | 27     | 21     | 30     |
| 57-12-5 Cyanide     | 1,600         | ***          | 4,100     |               |              |          | < 0.31 | < 0.32 | < 0.33 | 0.59   |
| 7439-89-6 Iron      |               |              |           | -             |              |          | 33000  | 27000  | 23000  | 26000  |
| 7439-92-1 Lead      | 400           |              | 700       |               |              |          | 18     | 14     | 13     | 16     |
| 7439-95-4 Magnesium | 325,000       |              | 730,000   | •••           |              |          | 40000  | 31000  | 26000  | 39000  |
| 7439-96-5 Manganese | 1,600         | 69,000       | 4,100     | 8,700         |              |          | 580    | 420    | 400    | 450    |
| 7439-97-6 Mercury   | 23            | 10           | 61        | 0.1           |              |          | 0.025  | 0.027  | 0.025  | 0.030  |
| 7440-02-0 Nickel    | 1,600         | 13,000       | 4,100     | 440,000       |              |          | 45     | 30     | 41     | 31     |
| 7440-09-7 Potassium |               | •••          |           |               |              |          | 3800   | 2800   | 3400   | 2700   |
| 7782-49-2 Selenium  | 390           | •••          | 1,000     |               |              |          | 1.6    | 1.7    | 1.5    | 1.4    |
| 7440-22-4 Silver    | 390           |              | 1,000     |               |              |          | < 1.1  | < 1.1  | < 1.2  | < 1.1  |
| 7440-23-5 Sodium    | ***           | •••          | ***       |               |              |          | 200    | 170    | 170    | 180    |
| 7440-28-0 Thallium  | 6.3           | •••          | 160       |               |              |          | < 1.1  | < 1.1  | < 1.2  | < 1.1  |
| 7440-62-2 Vanadium  | 550           | •••          | 1,400     |               |              |          | 31     | 29     | 27     | 29     |
| 7440-66-6 Zinc      | 23,000        |              | 61,000    |               |              |          | 63     | 53     | 55     | 55     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-017 Client Sample ID: A-17

Date Collected: 01/22/2019 10:00

|           |           | Values    |            | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |        |
|-----------|-----------|-----------|------------|--------------|------------------------------------|-----------|--|--------|
| CAS No.   | Analyte   | Ingestion | Inhalation | Ingestion    | Inhalation                         | Class I   | Class II                                 |        |
| 7429-90-5 | Aluminum  |           |            |              |                                    |           |  | 13000  |
| 7440-36-0 | Antimony  | 31        | •          | 82           |                                    |           |  | < 2.1  |
| 7440-38-2 | Arsenic   | 13.0/11.3 | 750        | 61           | 25,000                             |           | _  | 5.0    |
| 7440-39-3 |           | 5,500     | 690,000    | 14,000       | 870,000                            |           |  | 60     |
| 7440-41-7 | Beryllium | 160       | 1,300      | 410          | 44,000                             |           |  | 0.82   |
| 7440-43-9 | Cadmium   | 78        | 1,800      | 200          | 59,000                             |           |  | < 0.53 |
| 7440-70-2 | Calcium   |           | -          |              |                                    |           |  | 65000  |
| 7440-47-3 | Chromium  | 230       | 270        | 4,100        | 690                                |           |  | 26     |
| 7440-48-4 | Cobalt    | 4,700     |            | 12,000       |                                    |           |  | 12     |
| 7440-50-8 | Copper    | 2,900     | -          | 8,200        |                                    |           |  | 30     |
| 57-12-5   | Cyanide   | 1,600     |            | 4,100        |                                    |           |  | 1.1    |
| 7439-89-6 | Iron      |           |            |              |                                    |           |  | 27000  |
| 7439-92-1 | Lead      | 400       |            | 700          |                                    |           |  | 14     |
| 7439-95-4 | Magnesium | 325,000   |            | 730,000      |                                    |           |  | 34000  |
|           | Manganese | 1,600     | 69,000     | 4,100        | 8,700                              |           |  | 470    |
| 7439-97-6 | Mercury   | 23        | 10         | 61           | 0.1                                |           |  | 0.022  |
| 7440-02-0 | Nickel    | 1,600     | 13,000     | 4,100        | 440,000                            |           |  | 36     |
| 7440-09-7 | Potassium |           |            |              |                                    |           | i i                                      | 3100   |
| 7782-49-2 | Selenium  | 390       |            | 1,000        |                                    |           |  | 1.4    |
| 7440-22-4 | Silver    | 390       |            | 1,000        |                                    |           | 1  | < 1.1  |
| 7440-23-5 | Sodium    |           |            |              |                                    |           |  | 180    |
| 7440-28-0 | Thallium  | 6.3       |            | 160          |                                    |           |  | < 1.1  |
| 7440-62-2 | Vanadium  | 550       |            | 1,400        |                                    |           |  | 28     |
| 7440-66-6 |           | 23,000    |            | 61,000       |                                    |           | <b>,</b>                                 | 58     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002

19010565-003

19010565-004

Client Sample ID:

A-1

A-3

A-4

A-2 Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45

|                     |               | -              | Constructi   | on Worker      | Soil Com   | ponent of    |           |           |           |           |
|---------------------|---------------|----------------|--------------|----------------|------------|--------------|-----------|-----------|-----------|-----------|
|                     | Residential I | Route Specific | Route Specif | fic Values for | Groundwat  | er Ingestion |           |           |           |           |
|                     | Values        | for Soil       | S            | oil            | Exposure R | oute Values  |           |           |           |           |
| CAS No. Analyte     | Ingestion     | Inhalation     | Ingestion    | Inhalation     | Class I    | Class II     |           |           |           |           |
| 7440-36-0 Antimony  |               |                |              |                | 0.006      | 0.024        | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 Arsenic   |               | <u> </u>       |              |                | 0.05       | 0.2          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 Barium    |               |                | ł            |                | 2.0        | 2.0          | 0.071     | 0.72      | 0.63      | 0.82      |
| 7440-41-7 Beryllium |               |                |              |                | 0.004      | 0.5          | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 Cadmium   |               |                |              | † <u>-</u>     | 0.005      | 0.05         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 Chromium  |               |                |              |                | 0.1        | 1.0          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 Cobalt    |               |                |              |                | 1.0        | 1.0          | 0.011     | 0.031     | 0.061     | 0.027     |
| 7440-50-8 Copper    |               |                |              |                | 0.65       | 0.65         | < 0.10    | < 0.10    | < 0.10    | < 0.10    |
| 7439-89-6 Iron      |               |                |              |                | 5.0        | 5.0          | < 0.25    | < 0.25    | < 0.25    | < 0.25    |
| 7439-92-1 Lead      |               |                |              |                | 0.0075     | 0.1          | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7439-96-5 Manganese |               |                |              |                | 0.15       | 10.0         | 2!5       | 3.4       | 2:2       | 317       |
| 7439-97-6 Mercury   |               |                |              |                | 0.002      | 0.01         | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 Nickel    |               |                |              |                | 0.1        | 2.0          | 0.025     | 0.062     | 0:15      | 0.059     |
| 7782-49-2 Selenium  |               |                |              |                | 0.05       | 0.05         | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 Silver    |               |                |              |                | 0.05       | ***          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 Thallium  |               |                |              |                | 0.002      | 0.02         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 Vanadium  |               |                |              |                | 0.049      | 0.1          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Zinc      |               |                |              |                | 5.0        | 10           | < 0.050   | < 0.050   | < 0.050   | < 0.050   |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-005 19010565-006 19010565-007 19010565-008 Client Sample ID: A-5 A-6 A-7 A-8

Date Collected: 01/22/2019 07:00 01/22/2019 07:15 01/22/2019 07:30 01/22/2019 07:45

|                     | 1         | Route Specific | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |           |           |           |           |
|---------------------|-----------|----------------|--------------|------------------------------------|-----------|--|-----------|-----------|-----------|-----------|
| CAS No. Analyte     | Ingestion | Inhalation     | Ingestion    | Inhalation                         | Class I   | Class II                                 |           |           |           |           |
| 7440-36-0 Antimony  |           |                |              |                                    | 0.006     | 0.024                                    | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 Arsenic   |           |                |              |                                    | 0.05      | 0.2                                      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 Barium    |           |                |              |                                    | 2.0       | 2.0                                      | 0.62      | 0.82      | 1.0       | 1.0       |
| 7440-41-7 Beryllium |           |                |              |                                    | 0.004     | 0.5                                      | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 Cadmium   |           |                |              |                                    | 0.005     | 0.05                                     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 Chromium  |           |                |              |                                    | 0.1       | 1.0                                      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 Cobalt    |           |                |              |                                    | 1.0       | 1.0                                      | 0.033     | . 0.014   | 0.029     | 0.028     |
| 7440-50-8 Copper    |           |                |              |                                    | 0.65      | 0.65                                     | < 0.10    | < 0.10    | < 0.10    | < 0.10    |
| 7439-89-6 Iron      |           |                |              |                                    | 5.0       | 5.0                                      | < 0.25    | < 0.25    | < 0.25    | < 0.25    |
| 7439-92-1 Lead      |           |                |              |                                    | 0.0075    | 0.1                                      | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7439-96-5 Manganese |           |                |              |                                    | 0.15      | 10.0                                     | 3:5       | 3:0       | 4:0       | 3.4       |
| 7439-97-6 Mercury   |           |                |              | •                                  | 0.002     | 0.01                                     | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 Nickel    |           |                |              |                                    | 0.1       | 2.0                                      | 0.071     | 0.032     | 0.066     | 0.057     |
| 7782-49-2 Selenium  |           |                |              |                                    | 0.05      | 0.05                                     | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 Silver    |           |                |              |                                    | 0.05      | ***                                      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 Thallium  |           |                |              |                                    | 0.002     | 0.02                                     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 Vanadium  |           |                |              |                                    | 0.049     | 0.1                                      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Zinc      |           |                |              |                                    | 5.0       | 10                                       | < 0.050   | < 0.050   | < 0.050   | < 0.050   |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (TCLP)

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-009 19010565-010 19010565-011 19010565-012 Client Sample ID: A-9 A-10 A-11 A-12

Date Collected: 01/22/2019 08:00 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

|           |           | Residential Route Specific Values for Soil |            | Construction Worker<br>Route Specific Values for<br>Soil |            | Soil Component of<br>Groundwater Ingestion<br>Exposure Route Values |          |           |           |           |           |
|-----------|-----------|--|------------|--|------------|---|----------|-----------|-----------|-----------|-----------|
| CAS No.   | Analyte   | Ingestion                                  | Inhalation | Ingestion  | Inhalation | Class I   | Class II |           |           |           |           |
| 7440-36-0 | Antimony  |  |            |  |            | 0.006   | 0.024    | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 | Arsenic   |  |            |  |            | 0.05  | 0.2      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 | Barium    |  |            |  |            | 2.0   | 2.0      | 0.91      | 1.1       | 0.92      | 0.98      |
| 7440-41-7 | Beryllium |  |            |  |            | 0.004   | 0.5      | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 | Cadmium   |  |            |  |            | 0.005   | 0.05     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 | Chromium  |  |            |  |            | 0.1   | 1.0      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 |           |  |            |  |            | 1.0   | 1.0      | 0.042     | 0.047     | 0.085     | 0.021     |
| 7440-50-8 | Copper    |  |            |  |            | 0.65  | 0.65     | < 0.10    | < 0.10    | < 0.10    | < 0.10    |
| 7439-89-6 | Iron      |  |            |  |            | 5.0   | 5.0      | 0.78      | 0.25      | < 0.25    | 0.31      |
| 7439-92-1 | Lead      |  |            |  |            | 0.0075  | 0.1      | 0.010     | < 0.0050  | 0.014     | < 0.0050  |
| 7439-96-5 | Manganese | ļ  |            |  |            | 0.15  | 10.0     | 7.0       | 2.9       | 5.5       | 3.5       |
| 7439-97-6 | Mercury   |  |            |  |            | 0.002   | 0.01     | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 |           |  |            |  |            | 0.1   | 2.0      | 0.065     | 0.10      | 0.12      | 0.052     |
| 7782-49-2 | Selenium  |  |            |  |            | 0.05  | 0.05     | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 | Silver    |  |            |  |            | 0.05  |          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 | Thallium  |  |            |  |            | 0.002   | 0.02     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 | Vanadium  |  |            |  |            | 0.049   | 0.1      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 | Zinc      | •  |            |  |            | 5.0   | 10       | < 0.050   | < 0.050   | 0.054     | < 0.050   |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (TCLP)

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-015 19010565-016 Client Sample ID: A-13 A-14 A-15 A-16

Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30 01/22/2019 09:45

|              |            |           | Values for Soil |           | Construction Worker<br>Route Specific Values for<br>Soil |         | Soil Component of<br>Groundwater Ingestion<br>Exposure Route Values |           |           |           |           |
|--------------|------------|-----------|-----------------|-----------|--|---------|---|-----------|-----------|-----------|-----------|
| CAS No.      | Analyte    | Ingestion | Inhalation      | Ingestion | Inhalation   | Class I | Class II  |           |           |           |           |
| 7440-36-0 A  | Antimony   |           |                 |           |  | 0.006   | 0.024   | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 A  | Arsenic    |           |                 |           |  | 0.05    | 0.2   | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 B  | Barium     |           |                 |           | _  | 2.0     | 2.0   | 0.89      | 0.058     | 0.65      | 0.20      |
| 7440-41-7 B  | Beryllium  |           |                 |           |  | 0.004   | 0.5   | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 C  | Cadmium    |           |                 |           |  | 0.005   | 0.05  | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 C  | Chromium   |           |                 |           |  | 0.1     | 1.0   | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 C  | Cobalt     |           |                 |           |  | 1.0     | 1.0   | 0.026     | < 0.010   | 0.046     | 0.010     |
| 7440-50-8 C  | Copper     |           |                 |           |  | 0.65    | 0.65  | < 0.10    | < 0.10    | < 0.10    | < 0.10    |
| 7439-89-6 Ir | ron        |           |                 |           |  | 5.0     | 5.0   | < 0.25    | < 0.25    | < 0.25    | < 0.25    |
| 7439-92-1 L  | .ead       |           |                 |           |  | 0.0075  | 0.1   | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7439-96-5 N  | /langanese |           |                 |           |  | 0.15    | 10.0  | 3:6       | 2!3       | 2:7       | 2:3       |
| 7439-97-6 M  | /lercury   |           |                 |           |  | 0.002   | 0.01  | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 N  | lickel     |           |                 |           |  | 0.1     | 2.0   | 0.058     | < 0.020   | 0.090     | 0.024     |
| 7782-49-2 S  | elenium    |           |                 |           |  | 0.05    | 0.05  | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 S  | ilver      |           |                 |           |  | 0.05    | _   | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 T  | hallium    | l         |                 |           |  | 0.002   | 0.02  | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 V  | /anadium   |           |                 |           |  | 0.049   | 0.1   | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Z  | line       |           |                 |           |  | 5.0     | 10  | < 0.050   | < 0.050   | < 0.050   | < 0.050   |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (TCLP)

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-017 Client Sample ID: A-17 Date Collected: 01/22/2019 10:00

|           |           |           | oute Specific<br>for:Soil | Route Specif | on Worker<br>te Values for<br>off |         | ponent of<br>er/Ingestion<br>oute/Values |           |
|-----------|-----------|-----------|---------------------------|--------------|-----------------------------------|---------|--|-----------|
| CAS No.   | Analyte   | Ingestion | Inhalation                | Ingestion    | Inhalation                        | Class I | Class II                                 |           |
| 7440-36-0 | Antimony  |           |                           |              |                                   | 0.006   | 0.024                                    | < 0.015   |
| 7440-38-2 | Arsenic   |           |                           |              |                                   | 0.05    | 0.2                                      | < 0.010   |
| 7440-39-3 |           |           |                           |              |                                   | 2.0     | 2.0                                      | 0.90      |
| 7440-41-7 | Beryllium |           |                           |              |                                   | 0.004   | 0.5                                      | < 0.0050  |
| 7440-43-9 | Cadmium   |           |                           | •            |                                   | 0.005   | 0.05                                     | < 0.0050  |
| 7440-47-3 | Chromium  |           |                           |              |                                   | 0.1     | 1.0                                      | < 0.010   |
| 7440-48-4 |           |           |                           |              |                                   | 1.0     | 1.0                                      | 0.015     |
| 7440-50-8 | Соррег    |           |                           |              |                                   | 0.65    | 0.65                                     | < 0.10    |
| 7439-89-6 | Iron      |           |                           |              |                                   | 5.0     | 5.0                                      | < 0.25    |
| 7439-92-1 | Lead      |           |                           |              |                                   | 0.0075  | 0.1                                      | < 0.0050  |
| 7439-96-5 | Manganese |           |                           |              |                                   | 0.15    | 10.0                                     | 3:3       |
| 7439-97-6 | Мегсигу   |           | ,                         |              |                                   | 0.002   | 0.01                                     | < 0.00020 |
| 7440-02-0 | Nickel    |           | ı                         |              |                                   | 0.1     | 2.0                                      | 0.032     |
| 7782-49-2 | Selenium  |           |                           |              |                                   | 0.05    | 0.05                                     | < 0.010   |
| 7440-22-4 | Silver    |           |                           |              |                                   | 0.05    |  | < 0.010   |
| 7440-28-0 | Thallium  |           |                           |              |                                   | 0.002   | 0.02                                     | < 0.0050  |
| 7440-62-2 | Vanadium  |           |                           |              |                                   | 0.049   | 0.1                                      | < 0.010   |
| 7440-66-6 | Zinc      |           |                           |              |                                   | 5.0     | 10                                       | < 0.050   |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-009 Client Sample ID: A-1 A-9

Date Collected: 01/22/2019 06:00 01/22/2019 08:00

pH = 7.6 pH = 7.74

|           |           | Route Specific for Soil |                             | l Component of stion Route Values |        |        |
|-----------|-----------|-------------------------|-----------------------------|-----------------------------------|--------|--------|
|           | Ingestion | Inhalation              | Class I<br>age 7.25 to 7.74 | Class II                          |        | *      |
| G Ánalyte |           |                         |                             |                                   |        |        |
| Aluminum  |           |                         |                             |                                   | 13000  | 16000  |
| Antimony  | 31        |                         | 5                           | 20                                | < 2.1  | < 2.2  |
| Arsenic   | 13.0/11.3 | 750                     | 30                          | 120                               | 4.0    | 6.9    |
| Barium    | 5,500     | 690,000                 | 1,800                       | 1,800                             | 30     | 95     |
| Beryllium | 160       | 1,300                   | 1,000                       | 130,000                           | 0.80   | 0.97   |
| Cadmium   | 78        | 1,800                   | 59                          | 590                               | < 0.52 | < 0.54 |
| Calcium   |           |                         |                             |                                   | 69000  | 76000  |
| Chromium  | 230       | 270                     | 32                          | No Data                           | 24     | 30     |
| Cobalt    | 4,700     |                         | See TCLP/SPLP               | See TCLP/SPLP                     | < 11   | 16     |
| Соррег    | 2,900     |                         | 330,000                     | 330,000                           | 26     | 31     |
| Cyanide   | 1,600     |                         | 40                          | 120                               | < 0.30 | < 0.30 |
| Iron      |           |                         | See TCLP/SPLP               | See TCLP/SPLP                     | 23000  | 27000  |
| Lead      | 400       | •••                     | 107                         | 1,420                             | 14     | 15     |
| Magnesium | 325,000   |                         |                             |                                   | 34000  | 38000  |
| Manganese | 1,600     | 69,000 / 8,700*         | See TCLP/SPLP               | See TCLP/SPLP                     | 420    | 540    |
| Mercury   | 23        | 10 / 0.1*               | 6.4                         | 32                                | 0.023  | < 0.02 |
| Nickel    | 1,600     | 13,000                  | 700                         | 14,000                            | 31     | 42     |
| Potassium | •••       |                         |                             |                                   | 2900   | 4100   |
| Selenium  | 390       |                         | 3.3                         | 3.3                               | 1.0    | 1.3    |
| Silver    | 390       |                         | 39                          |                                   | < 1.0  | < 1.1  |
| Sodium    | •••       |                         |                             | İ                                 | 810    | 230    |
| Thallium  | 6.3       |                         | 3.4                         | 34                                | < 1.0  | < 1.1  |
| Vanadium  | 550       |                         | 980                         | See TCLP/SPLP                     | 29     | 33     |
| Zinc      | 23,000    |                         | 16,000                      | 32,000                            | 51     | 58     |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 LAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective:

<sup>\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

#### TACO Tier I pH Specific Soil Remediation Objectives - Supplemental Residential Report

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-002 19010565-003 19010565-004 19010565-005 19010565-006 Client Sample ID: A-2 A-3 A-4 A-5 A-6

Date Collected: 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45 01/22/2019 07:00 01/22/2019 07:15

pH = 7.82 pH = 7.98 pH = 8.03 pH = 8.03 pH = 7.85

|           |           | Route Specific for Soil | • •             | l Component of stion Route Values |        |        |        |        |     |
|-----------|-----------|-------------------------|-----------------|-----------------------------------|--------|--------|--------|--------|-----|
|           | Ingestion | Inhalation              | Class I         | Class II                          |        |        |        |        |     |
| Analyte   |           | pH Ran                  | ge 7.75 to 8.24 |                                   |        |        |        |        |     |
| Aluminum  |           |                         |                 |                                   | 14000  | 15000  | 13000  | 15000  | 160 |
| Antimony  | 31        |                         | 5               | 20                                | < 2.3  | < 2.2  | < 2.2  | < 2.1  | <2  |
| Arsenic   | 13.0/11.3 | 750                     | 31              | 120                               | 13     | 5.3    | 4.9    | 6.4    | 5.  |
| Barium    | 5,500     | 690,000                 | 2,100           | 2,100                             | 48     | 120    | 78     | 91     | 10  |
| Beryllium | 160       | 1,300                   | 8,000           | 1,000,000                         | 0.91   | 1.0    | 0.84   | 1.0    | 0.9 |
| Cadmium   | 78        | 1,800                   | 430             | 4,300                             | < 0.57 | < 0.56 | < 0.55 | < 0.52 | < 0 |
| Calcium   | •••       |                         |                 |                                   | 64000  | 68000  | 66000  | 63000  | 740 |
| Chromium  | 230       | 270                     | 28              | No Data                           | 28     | 30     | 26     | 30     | 3   |
| Cobalt    | 4,700     |                         | See TCLP/SPLP   | See TCLP/SPLP                     | 20     | 14     | 12     | 12     | 1.  |
| Copper    | 2,900     | •••                     | 330,000         | 330,000                           | 29     | 31     | 23     | 29     | 2:  |
| Cyanide   | 1,600     |                         | 40              | 120                               | < 0.32 | < 0.31 | < 0.31 | < 0.31 | < 0 |
| Iron      |           | •••                     | See TCLP/SPLP   | See TCLP/SPLP                     | 25000  | 30000  | 24000  | 33000  | 270 |
| Lead      | 400       |                         | 107             | 1,420                             | 19     | 15     | 12     | 14     | 1   |
| Magnesium | 325,000   | •••                     |                 |                                   | 33000  | 35000  | 32000  | 31000  | 370 |
| Manganese | 1,600     | 69,000 / 8,700*         | See TCLP/SPLP   | See TCLP/SPLP                     | 480    | 540    | 480    | 500    | 54  |
| Mercury   | 23        | 10 / 0.1*               | 8.0             | 40                                | 0.026  | 0.022  | 0.026  | 0.026  | 0.0 |
| Nickel    | 1.600     | 13.000                  | 3,800           | 76,000                            | 53     | 42     | 36     | 38     | 4   |
| Potassium |           | •••                     |                 |                                   | 3700   | 3600   | 3400   | 4000   | 41  |
| Selenium  | 390       |                         | 2.4             | 2.4                               | 1.1    | < 1.1  | 1.3    | 1.1    | 1.  |
| Silver    | 390       |                         | 110             |                                   | < 1.1  | < 1.1  | < 1.1  | < 1.0  | < 1 |
| Sodium    | •••       |                         |                 |                                   | 210    | 210    | 190    | 210    | 22  |
| Thallium  | 6.3       |                         | 3.8             | 38                                | < 1.1  | < 1.1  | < 1.1  | < 1.0  | < 1 |
| Vanadium  | 550       |                         | 980             | See TCLP/SPLP                     | 30     | 30     | 26     | 31     | 3   |
| Zinc      | 23,000    |                         | 53.000          | 110,000                           | 58     | 57     | 50     | 55     | 5   |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 LAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

<sup>\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-007 19010565-008 19010565-010 19010565-011 19010565-012 Client Sample ID: A-7 A-8 A-10 A-11 A-12

Date Collected: 01/22/2019 07:30 01/22/2019 07:45 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

pH = 7.84 pH = 7.78 pH = 7.93 pH = 7.96 pH = 7.99

|           |           | Route Specific<br>for Soil | • •             | l Component of stion Route Values | -       |        |         |        |      |
|-----------|-----------|----------------------------|-----------------|-----------------------------------|---------|--------|---------|--------|------|
|           | Ingestion | Inhalation                 | Class I         | Class II                          |         |        |         |        |      |
| Analyte   |           | pH Ran                     | ge 7.75 to 8.24 |                                   |         |        |         |        |      |
| Aluminum  |           |                            |                 | _                                 | 17000   | 14000  | 13000   | 13000  | 150  |
| Antimony  | 31        |                            | 5               | 20                                | < 2.2   | < 2.2  | < 2.3   | < 2.3  | < 2  |
| Arsenic   | 13.0/11.3 | 750                        | 31              | 120                               | 5.1     | 8.1    | 3.9     | 7.2    | 9.   |
| Barium    | 5,500     | 690.000                    | 2,100           | 2,100                             | 110     | 59     | 71      | 60     | 10   |
| Beryllium | 160       | 1,300                      | 8,000           | 1,000,000                         | 1.1     | 0.83   | 0.81    | 0.81   | 0.9  |
| Cadmium   | 78        | 1,800                      | 430             | 4,300                             | < 0.55  | < 0.56 | < 0.57  | < 0.56 | < 0  |
| Calcium   | •••       |                            |                 |                                   | 67000   | 60000  | 61000   | 64000  | 810  |
| Chromium  | 230       | 270                        | 28              | No Data                           | 35      | 28     | 26      | 26     | 3    |
| Cobalt    | 4,700     | •••                        | See TCLP/SPLP   | See TCLP/SPLP                     | 16      | 18     | 10      | 14     | 1:   |
| Copper    | 2,900     |                            | 330,000         | 330,000                           | 32      | 29     | 25      | 28     | 2:   |
| Cyanide   | 1,600     | •••                        | 40              | 120                               | < 0.32  | < 0.31 | < 0.32  | < 0.32 | < 0. |
| Iron      |           | •••                        | See TCLP/SPLP   | See TCLP/SPLP                     | 34000   | 24000  | 24000   | 26000  | 300  |
| Lead      | 400       |                            | 107             | 1,420                             | 15      | 16     | 12      | 16     | 1.   |
| Magnesium | 325,000   |                            |                 |                                   | 33000   | 31000  | 31000   | 32000  | 390  |
| Manganese | 1,600     | 69,000 / 8,700*            | See TCLP/SPLP   | See TCLP/SPLP                     | 540     | 470    | 390     | 450    | 56   |
| Mercury   | 23        | 10 / 0.1*                  | 8.0             | 40                                | < 0.024 | 0.028  | < 0.023 | 0.025  | < 0. |
| Nickel    | 1,600     | 13,000                     | 3,800           | 76,000                            | 47      | 46     | 31      | 39     | 4    |
| Potassium |           | ÷                          |                 |                                   | 4100    | 3700   | 3300    | 3100   | 36   |
| Selenium  | 390       | •••                        | 2.4             | 2.4                               | 1.3     | 1.4    | 1.4     | 1.3    | 1.   |
| Silver    | 390       | •••                        | 110             |                                   | < 1.1   | < 1.1  | < 1.1   | < 1.1  | < 1  |
| Sodium    | •••       |                            |                 |                                   | 230     | 190    | 190     | 190    | 21   |
| Thallium  | 6.3       |                            | 3.8             | 38                                | < 1.1   | < 1.1  | < 1.1   | < 1.1  | < 1  |
| Vanadium  | 550       |                            | 980             | See TCLP/SPLP                     | 34      | 28     | 29      | 28     | 3    |
| Zinç      | 23,000    | •••                        | 53,000          | 110,000                           | 62      | 56     | 53      | 54     | 58   |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

<sup>\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-016 19010565-017 Client Sample ID: A-13 A-14 A-16 A-17

Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:45 01/22/2019 10:00

pH = 7.95 pH = 7.85 pH = 8.12 pH = 8.13

|           |           | Route Specific<br>for Soil |                 | l Component of stion Route Values |        |        |        |       |
|-----------|-----------|----------------------------|-----------------|-----------------------------------|--------|--------|--------|-------|
|           | Ingestion | Inhalation                 | Class I         | Class II                          |        |        |        |       |
| Analyte   |           | pH Ran                     | ge 7.75 to 8.24 |                                   |        |        |        |       |
| Aluminum  |           |                            |                 | -                                 | 14000  | 12000  | 12000  | 1300  |
| Antimony  | 31        |                            | 5               | 20 ·                              | < 2.1  | < 2.2  | < 2.3  | < 2.1 |
| Arsenic   | 13.0/11.3 | 750                        | 31              | 120                               | 12     | 6.3    | 7.0    | 5.0   |
| Barium    | 5,500     | 690,000                    | 2,100           | 2,100                             | 120    | 33     | 31     | 60    |
| Beryllium | 160       | 1,300                      | 8,000           | 1,000,000                         | 0.94   | 0.70   | 0.73   | 0.82  |
| Cadmium   | 78        | 1,800                      | 430             | 4,300                             | < 0.54 | < 0.56 | < 0.57 | < 0.5 |
| Calcium   | •••       |                            |                 |                                   | 76000  | 61000  | 71000  | 6500  |
| Chromium  | 230       | 270                        | 28              | No Data                           | 29     | 23     | 24     | 26    |
| Cobalt    | 4,700     |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 16     | 9.6    | 9.9    | 12    |
| Copper    | 2,900     |                            | 330,000         | 330,000                           | 39     | 27     | 30     | 30    |
| Cyanide   | 1,600     | ***                        | 40              | 120                               | < 0.31 | < 0.32 | 0.59   | 1.1   |
| Iron      |           |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 33000  | 27000  | 26000  | 2700  |
| Lead      | 400       |                            | 107             | 1,420                             | 18     | 14     | 16     | 14    |
| Magnesium | 325,000   | •••                        |                 |                                   | 40000  | 31000  | 39000  | 3400  |
| Manganese | 1,600     | 69,000 / 8,700*            | See TCLP/SPLP   | See TCLP/SPLP                     | 580    | 420    | 450    | 470   |
| Mercury   | 23        | 10 / 0.1*                  | 8.0             | 40                                | 0.025  | 0.027  | 0.030  | 0.02  |
| Nickel    | 1,600     | 13,000                     | 3,800           | 76,000                            | 45     | 30     | 31     | 36    |
| Potassium |           | •••                        |                 |                                   | 3800   | 2800   | 2700   | 3100  |
| Selenium  | 390       | •••                        | 2.4             | 2.4                               | 1.6    | 1.7    | 1.4    | 1.4   |
| Silver    | 390       | •••                        | 110             |                                   | < 1.1  | < 1.1  | < 1.1  | < 1.  |
| Sodium    | ***       |                            |                 |                                   | 200    | 170    | 180    | 180   |
| Thallium  | 6.3       | •••                        | 3.8             | 38                                | < 1.1  | < 1.1  | < 1.1  | < 1.  |
| Vanadium  | 550       |                            | 980             | See TCLP/SPLP                     | 31     | 29     | 29     | 28    |
| Zinc      | 23,000    | •                          | 53,000          | 110,000                           | 63     | 53     | 55     | 58    |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

<sup>.\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-015

Client Sample ID: A-15

Date Collected: 01/22/2019 09:30

pH = 8.26

| •         |           | Route Specific  for Soil |                 | l Component of stion Route Values |        |
|-----------|-----------|--------------------------|-----------------|-----------------------------------|--------|
|           | Ingestion | Inhalation               | Class I         | Class II                          |        |
| G Analyte |           | pH Ran                   | ge 8.25 to 8.74 |                                   |        |
| Aluminum  |           |                          | 1               |                                   | 14000  |
| Antimony  | 31        |                          | 5               | 20                                | < 2.4  |
| Arsenic   | 13.0/11.3 | 750                      | 32              | 130                               | 4.4    |
| Barium    | 5,500     | 690,000                  | NDA             | NDA                               | 51     |
| Beryllium | 160       | 1,300                    | NDA             | NDA                               | 0.79   |
| Cadmium   | 78        | 1,800                    | NDA             | NDA                               | < 0.60 |
| Calcium   |           | •••                      |                 |                                   | 56000  |
| Chromium  | 230       | 270                      | 24              | No Data                           | 27/    |
| Cobalt    | 4,700     | •••                      | See TCLP/SPLP   | See TCLP/SPLP                     | 16     |
| Copper    | 2,900     |                          | NDA             | NDA                               | 21     |
| Cyanide   | 1,600     | •••                      | 40              | 120                               | < 0.33 |
| Iron      |           |                          | See TCLP/SPLP   | See TCLP/SPLP                     | 23000  |
| Lead      | 400       |                          | 107             | 1,420                             | 13     |
| Magnesium | 325,000   | •••                      |                 |                                   | 26000  |
| Manganese | 1,600     | 69,000 / 8,700*          | See TCLP/SPLP   | See TCLP/SPLP                     | 400    |
| Мегсигу   | 23        | 10 / 0.1*                | NDA             | NDA                               | 0.025  |
| Nickel    | 1,600     | 13,000                   | NDA             | NDA                               | 41     |
| Potassium | •••       | •                        |                 |                                   | 3400   |
| Selenium  | 390       | ***                      | 1.8             | 1.8                               | 1.5    |
| Silver    | 390       |                          | NDA             |                                   | < 1.2  |
| Sodium    | •••       | · ,                      |                 |                                   | 170    |
| Thallium  | 6.3       |                          | 4.4             | 44                                | < 1.2  |
| Vanadium  | 550       | •••                      | 980             | See TCLP/SPLP                     | 27     |
| Zinc      | 23,000    |                          | NDA             | NDA                               | 55     |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

<sup>\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003 19010565-004 19010565-005 19010565-006 19010565-007

Client Sample ID : A-1 A-2 A-3 A-4 A-5 A-6 A-7

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30 01/22/2019 06:45 01/22/2019 07:00 01/22/2019 07:15 01/22/2019 07:30

|       |                        | I               | ntration of Che<br>Background Se |             |         |         |         |         |         |         |         |
|-------|------------------------|-----------------|----------------------------------|-------------|---------|---------|---------|---------|---------|---------|---------|
|       | Analyte                | City of Chicago |                                  | Outside MSA |         |         |         |         |         |         |         |
| PNA   | Acenaphthene           | 0.09            | 0.13                             | 0.04        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Acenaphthylene         | 0.03            | 0.07                             | 0.04        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Anthracene             | 0.25            | 0.40                             | 0.14        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Benz(a)anthracene      | 1.1             | 1.8                              | 0.72        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Benzo(a)pyrene         | 1.3             | 2.1                              | 0.98        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Benzo(b)fluoranthene   | 1.5             | 2.1                              | 0.70        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Benzo(g,h,i)perylene   | 0.68            | 1.7                              | 0.84        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Benzo(k)fluoranthene   | 0.99            | 1.7                              | 0.63        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Chrysene               | 1.2             | 2.7                              | 1.1         | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Dibenz(a,h)anthracene  | 0.20            | 0.42                             | 0.15        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Fluoranthene           | 2.7             | 4.1                              | 1.8         | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Fluorene               | 0.10            | 0.18                             | 0.04        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Indeno(1,2,3-cd)pyrene | 0.86            | 1.6                              | 0.51        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Naphthalene            | 0.04            | 0.20                             | 0.17        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Phenanthrene           | 1.3             | 2.5                              | 0.99        | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
|       | Pyrene                 | 1.9             | 3.0                              | 1.2         | < 0.040 | < 0.041 | < 0.041 | < 0.041 | < 0.041 | < 0.042 | < 0.042 |
| INORG | Aluminum               |                 | 9,500                            | 9,200       | 13000   | 14000   | 15000   | 13000   | 15000   | 16000   | 17000   |
|       | Antimony               |                 | 4.0                              | 3.3         | < 2.1   | < 2.3   | < 2.2   | < 2.2   | < 2.1   | < 2.1   | < 2.2   |
|       | Arsenic                |                 | 13.0                             | 11.3        | 4.0     | 13      | 5.3     | 4.9     | 6.4     | 5.5     | 5.1     |
|       | Barium                 |                 | 110                              | 122         | 30      | 48      | 120     | 78      | 91      | 100     | 110     |
|       | Beryllium              |                 | 0.59                             | 0.56        | 0.80    | 0.91    | 1:0     | 0.84    | 1:0     | 0.97    | 1:1     |
|       | Cadmium                |                 | 0.6                              | 0.50        | < 0.52  | < 0.57  | < 0.56  | < 0.55  | < 0.52  | < 0.53  | < 0.55  |
|       | Calcium                |                 | 9,300                            | 5,525       | 69000   | 64000   | 68000   | 66000   | 63000   | 74000   | 67000   |
|       | Chromium               |                 | 16.2                             | 13.0        | 24      | 28      | 30      | 26      | 30      | 32      | 35      |
|       | Cobalt                 |                 | 8.9                              | 8.9         | 11      | 20      | 4       | 12      | 12      | 15      | 16      |
|       | Соррег                 |                 | 19.6                             | 12.0        | 26      | 29      |         | 23      | 29      | 29      | 32      |
|       | Cyanide                |                 | 0.51                             | 0.50        | < 0.30  | < 0.32  | < 0.31  | < 0.31  | < 0.31  | < 0.32  | < 0.32  |
|       | Iron                   |                 | 15,900                           | 15,000      | 23000   | 25000   | 30000   | 24000   | 33000   | 27000   | 34000   |
|       | Lead                   |                 | 36.0                             | 20.9        | 14      | 19      | 15      | 12      | 14      | 15      | 15      |
|       | Magnesium              |                 | 4,820                            | 2,700       | 34000   | 33000   | 35000   | 32000   | 31000   | 37000   | 33000   |
|       | Manganese              |                 | 636                              | 630         | 420     | 480     | 540     | 480     | 500     | 540     | 540     |
|       | Mercury                |                 | 0.06                             | 0.05        | 0.023   | 0.026   | 0.022   | 0.026   | 0.026   | 0.028   | < 0.024 |
|       | Nickel                 |                 | 18.0                             | 13.0        | 31      | 53      | 12      | 36      | 38      | 41      | 47      |
|       | Potassium              |                 | 1,268                            | 1,100       | 2900    | 3700    | 3600    | 3400    | 4000    | 4100    | 4100    |
|       | Selenium               |                 | 0.48                             | 0.37        | 1:0     | 1!1     | < 1.1   | 1!3     | 1:1     | 1:4     | 1!3     |
|       | Silver                 |                 | 0.55                             | 0.50        | < 1.0   | < 1.1   | < 1.1   | < 1.1   | < 1.0   | < 1.1   | < 1.1   |
|       | Sodium                 |                 | 130                              | 130.0       | 810     | 210     | 210     | 190     | 210     | 220     | 230     |
|       | Thallium               |                 | 0.32                             | 0.42        | < 1.0   | < 1.1   | < 1.1   | < 1.1   | < 1.0   | < 1.1   | < 1.1   |
|       | Vanadium               |                 | 25.2                             | 25.0        | 29      | 30      | 30      | 26      | 31      | 33      | 34      |
|       | Zinc                   | <u> </u>        | 95.0                             | 60.2        | 51      | 58      | 57      | 50      | 55      | 59      | 62      |

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-008 19010565-009 19010565-010 19010565-011 19010565-012 19010565-013 19010565-014 Client Sample ID: A-8 A-9 A-10 A-11 A-12 A-13 A-14

Date Collected: 01/22/2019 07:45 01/22/2019 08:00 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45 01/22/2019 09:00 01/22/2019 09:15

|       |                        |          | itration of Che             |             |           |         |         |         |         |         |         |
|-------|------------------------|----------|-----------------------------|-------------|-----------|---------|---------|---------|---------|---------|---------|
|       | Analyte                | Cityof   | Background So<br>Within MSA | Outside MSA |           |         |         |         |         |         |         |
| PNA   | Acenaphthene           | 0.09     | 0.13                        | 0.04        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Acenaphthylene         | 0.03     | 0.07                        | 0.04        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Anthracene             | 0.25     | 0.40                        | 0.14        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Benz(a)anthracene      | 1.1      | 1.8                         | 0.72        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Benzo(a)pyrene         | 1.3      | 2.1                         | 0.98        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Benzo(b)fluoranthene   | 1.5      | 2.1                         | 0.70        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Benzo(g,h,i)perylene   | 0.68     | 1.7                         | 0.84        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Benzo(k)fluoranthene   | 0.99     | 1.7                         | 0.63        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Chrysene               | 1.2      | 2.7                         | 1.1         | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Dibenz(a,h)anthracene  | 0.20     | 0.42                        | 0.15        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Fluoranthene           | 2.7      | 4.1                         | 1.8         | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Fluorene               | 0.10     | 0.18                        | 0.04        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Indeno(1,2,3-cd)pyrene | 0.86     | 1.6                         | 0.51        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Naphthalene            | 0.04     | 0.20                        | 0.17        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Phenanthrene           | 1.3      | 2.5                         | 0.99        | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
|       | Pyrene                 | 1.9      | 3.0                         | 1.2         | < 0.041   | < 0.039 | < 0.041 | < 0.042 | < 0.041 | < 0.040 | < 0.043 |
| INORG | Aluminum               |          | 9,500                       | 9,200       | 14000     | 16000   | 13000   | 13000   | 15000   | 14000   | 12000   |
|       | Antimony               |          | 4.0                         | 3.3         | < 2.2     | < 2.2   | < 2.3   | < 2.3   | < 2.2   | < 2.1   | < 2.2   |
|       | Arsenic                |          | 13.0                        | 11.3        | 8.1       | 6.9     | 3.9     | 7.2     | 9.1     | 12      | 6.3     |
|       | Barium                 |          | 110                         | 122         | 59        | 95      | 71      | 60      | 100     | 1201    | 33      |
|       | Beryllium              |          | 0.59                        | 0.56        | 0.83      | 0.97    | 0.81    | 0.81    | 0.91    | 0.94    | 0.70    |
|       | Cadmium                |          | 0.6                         | 0.50        | < 0.56    | < 0.54  | < 0.57  | < 0.56  | < 0.56  | < 0.54  | < 0.56  |
|       | Calcium                |          | 9,300                       | 5,525       | 60000     | 76000   | 61000   | 64000   | 81000   | 76000   | 61000   |
|       | Chromium               |          | 16.2                        | 13.0        | 28        | 30      | 26      | 26      | 30      | 29      | 23      |
|       | Cobalt                 |          | 8.9                         | 8.9         | 18 (4.00) | 16      | 10      | 145     | 15      | 16      | 9.6     |
|       | Copper                 | J        | 19.6                        | 12.0        | 29        | 31      | 25      | 28      | 29      | 39      | 27      |
|       | Cyanide                |          | 0.51                        | 0.50        | < 0.31    | < 0.30  | < 0.32  | < 0.32  | < 0.31  | < 0.31  | < 0.32  |
|       | Iron                   |          | 15,900                      | 15,000      | 24000     | 27000   | 24000   | 26000   | 30000   | 33000   | 27000   |
|       | Lead                   |          | 36.0                        | 20.9        | 16        | 15      | 12      | 16      | 15      | 18      | 14      |
|       | Magnesium              |          | 4,820                       | 2,700       | 31000     | 38000   | 31000   | 32000   | 39000   | 40000   | 31000   |
|       | Manganese              |          | 636                         | 630         | 470       | 540     | 390     | 450     | 560     | 580     | 420     |
|       | Mercury                |          | 0.06                        | 0.05        | 0.028     | < 0.021 | < 0.023 | 0.025   | < 0.020 | 0.025   | 0.027   |
|       | Nickel                 | 1.       | 18.0                        | 13.0        | 46        | 42      | 31      | 39      | 41      | 45      | 30      |
|       | Potassium              |          | 1,268                       | 1,100       | 3700      | 4100    | 3300    | 3100    | 3600    | 3800    | 2800    |
|       | Selenium               |          | 0.48                        | 0.37        | 1:41      | 1!3     | 1:41    | 1!3     | 1:4     | 1!61    | 157     |
|       | Silver                 |          | 0.55                        | 0.50        | < 1.1     | < 1.1   | < 1.1   | < 1.1   | < 1.1   | < 1.1   | < 1.1   |
|       | Sodium                 |          | 130                         | 130.0       | 190       | 230     | 190     | 190     | 210     | 200     | 170     |
|       | Thallium               |          | 0.32                        | 0.42        | < 1.1     | < 1.1   | < 1.1   | < 1.1   | < 1.1   | < 1.1   | < 1.1   |
|       | Vanadium               | <u> </u> | 25.2                        | 25.0        | 28        | 33      | 29      | 28      | 31      | 31      | 29      |
|       | Zinc                   |          | 95.0                        | 60.2        | 56        | 58      | 53      | 54      | 58      | 63      | 53      |

MSA - Metropolitan Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-015 19010565-016 19010565-017
Client Sample ID: A-15 A-16 A-17
Date Collected: 01/22/2019 09:30 01/22/2019 09:45 01/22/2019 10:00

|       |                        | Conce              | ntration of Che<br>Background Se |             |         |         |         |
|-------|------------------------|--------------------|----------------------------------|-------------|---------|---------|---------|
|       | Analyte                | City of<br>Chicago | 1                                | Outside MSA |         |         |         |
| PNA   | Acenaphthene           | 0.09               | 0.13                             | 0.04        | < 0.043 | < 0.043 | < 0.041 |
|       | Acenaphthylene         | 0.03               | 0.07                             | 0.04        | < 0.043 | < 0.043 | < 0.041 |
|       | Anthracene             | 0.25               | 0.40                             | 0.14        | < 0.043 | < 0.043 | < 0.041 |
|       | Benz(a)anthracene      | 1.1 .              | 1.8                              | 0.72        | < 0.043 | < 0.043 | < 0.041 |
|       | Benzo(a)pyrene         | 1.3                | 2.1                              | 0.98        | < 0.043 | < 0.043 | < 0.041 |
|       | Benzo(b)fluoranthene   | 1.5                | 2.1                              | 0.70        | < 0.043 | < 0.043 | < 0.041 |
|       | Benzo(g,h,i)perylene   | 0.68               | 1.7                              | 0.84        | < 0.043 | < 0.043 | < 0.041 |
|       | Benzo(k)fluoranthene   | 0.99               | 1.7                              | 0.63        | < 0.043 | < 0.043 | < 0.041 |
|       | Chrysene               | 1.2                | 2.7                              | 1.1         | < 0.043 | < 0.043 | < 0.041 |
|       | Dibenz(a,h)anthracene  | 0.20               | 0.42                             | 0.15        | < 0.043 | < 0.043 | < 0.041 |
|       | Fluoranthene           | 2.7                | 4.1                              | 1.8         | < 0.043 | < 0.043 | < 0.041 |
|       | Fluorene               | 0.10               | 0.18                             | 0.04        | < 0.043 | < 0.043 | < 0.041 |
|       | Indeno(1,2,3-cd)pyrene | 0.86               | 1.6                              | 0.51        | < 0.043 | < 0.043 | < 0.041 |
|       | Naphthalene            | 0.04               | 0.20                             | 0.17        | < 0.043 | < 0.043 | < 0.041 |
|       | Phenanthrene           | 1.3                | 2.5                              | 0.99        | < 0.043 | < 0.043 | < 0.041 |
|       | Pyrene                 | 1.9                | 3.0                              | 1.2         | < 0.043 | < 0.043 | < 0.041 |
| INORG | Aluminum               |                    | 9,500                            | 9,200       | 14000   | 12000   | 13000   |
|       | Antimony               |                    | 4.0                              | 3.3         | < 2.4   | < 2.3   | < 2.1   |
|       | Arsenic                |                    | 13.0                             | 11.3        | 4.4     | 7.0     | 5.0     |
|       | Barium                 |                    | 110                              | 122         | · 51    | 31      | 60      |
|       | Beryllium              |                    | 0.59                             | 0.56        | 0.79    | 0.73    | 0.82    |
|       | Cadmium                |                    | 0.6                              | 0.50        | < 0.60  | < 0.57  | < 0.53  |
|       | Calcium                |                    | 9,300                            | 5,525       | 56000   | 71000   | 65000   |
|       | Chromium               |                    | 16.2                             | 13.0        | 27      | 24      | 26      |
|       | Cobalt                 |                    | 8.9                              | 8.9         | 16      | 9.9     | 12      |
|       | Copper                 |                    | 19.6                             | 12.0        | 21      | 30      | 30      |
|       | Cyanide                |                    | 0.51                             | 0.50        | < 0.33  | 0.59    | 1.1     |
|       | Iron                   |                    | 15,900                           | 15,000      | 23000   | 26000   | 27000   |
|       | Lead                   |                    | 36.0                             | 20.9        | 13      | 16      | 14      |
|       | Magnesium              |                    | 4,820                            | 2,700       | 26000   | 39000   | 34000   |
|       | Manganese              |                    | 636                              | 630         | 400     | 450     | 470     |
|       | Mercury                |                    | 0.06                             | 0.05        | 0.025   | 0.030   | 0.022   |
|       | Nickel                 |                    | 18.0                             | 13.0        | 41      | 31      | 36      |
|       | Potassium              |                    | 1,268                            | 1,100       | 3400    | 2700    | 3100    |
|       | Selenium               |                    | 0.48                             | 0.37        | 1.5     | 1.4     | 1.4     |
|       | Silver                 |                    | 0.55                             | 0.50        | < 1.2   | < 1.1   | < 1.1   |
|       | Sodium                 |                    | 130                              | 130.0       | 170     | 180     | 180     |
|       | Thallium               |                    | 0.32                             | 0.42        | < 1.2   | < 1.1   | < 1.1   |
|       | Vanadium               |                    | 25.2                             | 25.0        | 27      | 29      | 28      |
|       | Zinc                   | l                  | 95.0                             | 60.2        | 55      | 55      | 58      |

MSA - Metropolitan Statistical Area
All units are mg/Kg unless otherwise noted.
Based on 35 IAC Part 742, Appendix A Table G and Table H.
Bolded/Shaded values exceed the within MSA background level.

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-001 19010565-002 19010565-003 Client Sample ID: A-1 A-2 A-3

Date Collected: 01/22/2019 06:00 01/22/2019 06:15 01/22/2019 06:30

|       |                    |   |  | ts for Chemicals With<br>Dint < 30°C                         |                     |                     |                      |
|-------|--------------------|---|--|--|---------------------|---------------------|----------------------|
|       |                    |   | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |                     |                     |                      |
|       | CAS No.            | Analyte   | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |                     |                     |                      |
| VOC   | 67-64-1            | Acetone   | 100,000                                    | 200,000  | < 0.078             | < 0.082             | < 0.090              |
|       | 71-43-2            | Benzene   | 800  | 580  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 75-27-4            | Bromodichloromethane  | 2,800                                      | 2,000  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 75-25-2            | Bromoform   | 2,000                                      | 1,200  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 74-83-9            | Bromomethane  | 3,100                                      | 3,600  | < 0.010             | < 0.011             | < 0.012              |
|       | 78-93-3            | 2-Butanone  | 25,000                                     | 45,000   | < 0.078             | < 0.082             | < 0.090              |
|       | 75-15-0            | Carbon disulfide  | 850  | 520  | < 0.052             | < 0.054             | < 0.060              |
|       | 56-23-5            | Carbon tetrachloride  | 1,200                                      | 560  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 108-90-7           | Chlorobenzene   | 620  | 290  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 67-66-3            | Chloroform  | 3,400                                      | 2,500  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 124-48-1           | Dibromochloromethane  | 1,400                                      | 890  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 75-34-3            | 1,1-Dichloroethane  | 1,700                                      | 1,400  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 107-06-2           | 1,2-Dichloroethane  | 1,900                                      | 2,100  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 75-35-4            | 1,1-Dichloroethene  | 1,400                                      | 910  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 156-59-2           | cis-1,2-Dichloroethene  | 1,300                                      | 1,000  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 156-60-5           | trans-1,2-Dichloroethene  | 3,000                                      | 2,100  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 78-87-5            | 1,2-Dichloropropane   | 1,200                                      | 870  | < 0.0052            | < 0.0054            | < 0.0060             |
|       |                    | cis-1,3-Dichloropropene   | 1,000                                      | 850  | < 0.0020            | < 0.0021            | < 0.0024             |
|       |                    | trans-1,3-Dichloropropene   | 1,000                                      | 850  | < 0.0020            | < 0.0021            | < 0.0024<br>< 0.0060 |
|       | 100-41-4           | Ethylbenzene  | 350  | 150  | < 0.0052            | < 0.0054            |                      |
|       | 75-09-2            | Methylene chloride  | 2,500                                      | 3,000  | < 0.010<br>< 0.0052 | < 0.011<br>< 0.0054 | < 0.012<br>< 0.0060  |
|       |                    | Methyl tert-butyl ether   | 8,400                                      | 11,000<br>260  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 100-42-5           | Styrene   | 630  | 310  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 127-18-4           | Tetrachloroethene   | 800<br>580                                 | 290  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 108-88-3           | Toluene   | 1,300                                      | 670  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 71-55-6<br>79-00-5 | 1,1,1-Trichloroethane<br>1,1,2-Trichloroethane  | 1,800                                      | 1,300  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 79-00-3            | Trichloroethene   | 1,200                                      | 650  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 75-01-0            | Vinyl chloride  | 2,600                                      | 2,900  | < 0.0052            | < 0.0054            | < 0.0060             |
|       | 1330-20-7          | Xylenes, Total  | 2,000                                      | 110  | < 0.016             | < 0.016             | < 0.017              |
| SVOC  | 120-82-1           | 1.2.4-Trichlorobenzene  | 340  | 120  | < 0.20              | < 0.21              | < 0.21               |
| 3,000 | 95-50-1            | 1,2-Dichlorobenzene   | 560  | 210  | < 0.20              | < 0.21              | < 0.21               |
|       | 105-67-9           | 2,4-Dimethylphenol  | 10,000                                     | 4,700  | < 0.20              | < 0.21              | < 0.21               |
|       | 95-57-8            | 2-Chlorophenol  | 10,000                                     | 7,100  | < 0.20              | < 0.21              | < 0.21               |
|       | 111-44-4           | Bis(2-chloroethyl)ether   | 3,000                                      | 3,900  | < 0.20              | < 0.21              | < 0.21               |
|       | 117-81-7           | Bis(2-ethylhexyl)phthalate  | 200  | 68   | < 0.99              | < 1.0               | < 1.0                |
|       | 85-68-7            | Butyl benzyl phthalate  | 1,000                                      | 340  | < 0.20              | < 0.21              | < 0.21               |
|       | 84-74-2            | Di-n-butyl phthalate  | 2,600                                      | 880  | < 0.20              | < 0.21              | < 0.21               |
|       | 117-84-0           | Di-n-octyl phthalate  | 16   | 5.2  | < 0.20              | < 0.21              | < 0.21               |
|       | 84-66-2            | Diethyl phthalate   | 2,200                                      | 920  | < 0.20              | < 0.21              | < 0.21               |
|       | 77-47-4            | Hexachlorocyclopentadiene   | 130  | 44   | < 0.20              | < 0.21              | < 0.21               |
|       | 78-59-1            | Isophorone  | 3,000                                      | 3,000  | < 0.20              | < 0.21              | < 0.21               |
|       | 621-64-7           | N-Nitrosodi-n-propylamine   | 1,900                                      | 2,300  | < 0.040             | < 0.041             | < 0.041              |
|       | 98-95-3            | Nitrobenzene  | 710  | 590  | < 0.040             | < 0.041             | < 0.041              |
| INORG | 7439-97-6          |   | 3.1  | N/A  | 0.023               | 0.026               | 0.022                |
| 11010 | 7.57-77-9          | in in it is | J.,  | 1771   |                     | <u> </u>            |                      |

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-004 19010565-005 19010565-006 Client Sample ID: A-4 A-5 A-6 Date Collected: 01/22/2019 06:45 01/22/2019 07:00 01/22/2019 07:15

|       |            |                            |  | ts for Chemicals With<br>bint < 30°C                         |          |          |          |
|-------|------------|----------------------------|--|--|----------|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          | <u>.</u> |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.087  | < 0.071  | < 0.079  |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.012  | < 0.0095 | < 0.011  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.087  | < 0.071  | < 0.079  |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.058  | < 0.047  | < 0.052  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0023 | < 0.0019 | < 0.0022 |
|       |            | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0023 | < 0.0019 | < 0.0022 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.012  | < 0.0095 | < 0.011  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0058 | < 0.0047 | < 0.0052 |
|       |            | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0058 | < 0.0047 | < 0.0052 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.018  | < 0.014  | < 0.015  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   | < 0.21   |
|       |            | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   | < 0.21   |
|       |            | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   | < 0.21   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   | < 0.21   |
|       |            | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.041  | < 0.041  | < 0.042  |
|       |            | Nitrobenzene               | 710  | 590  | < 0.041  | < 0.041  | < 0.042  |
| INORG | 7439-97-6  | Мегсигу                    | 3.1  | N/A  | 0.026    | 0.026    | 0.028    |

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-007 19010565-008 19010565-009 Client Sample ID: A-7 A-8 A-9

Date Collected: 01/22/2019 07:30 01/22/2019 07:45 01/22/2019 08:00

|       |           |                            | l ·  | ts for Chemicals With<br>bint < 30°C                         |          | •        |          |
|-------|-----------|----------------------------|--|--|----------|----------|----------|
|       |           |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.   | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |          |
| VOC   | 67-64-1   | Acetone                    | 100,000                                    | 200,000  | < 0.093  | < 0.10   | < 0.079  |
|       | 71-43-2   | Benzene                    | 800  | 580  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 75-27-4   | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 75-25-2   | Bromoform                  | 2,000                                      | 1,200  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 74-83-9   | Bromomethane               | 3,100                                      | 3,600  | < 0.012  | < 0.014  | < 0.011  |
|       | 78-93-3   | 2-Butanone                 | 25,000                                     | 45,000   | < 0.093  | < 0.10   | < 0.079  |
|       | 75-15-0   | Carbon disulfide           | 850  | 520  | < 0.062  | < 0.068  | < 0.053  |
|       | 56-23-5   | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 108-90-7  | Chlorobenzene              | 620  | 290  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 67-66-3   | Chloroform                 | 3,400                                      | 2,500  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 124-48-1  | Dibromochloromethane       | 1,400                                      | 890  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 75-34-3   | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 107-06-2  | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 75-35-4   | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 156-59-2  | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 156-60-5  | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 78-87-5   | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0062 | < 0.0068 | < 0.0053 |
|       |           | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0025 | < 0.0028 | < 0.0022 |
|       |           | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0025 | < 0.0028 | < 0.0022 |
|       | 100-41-4  | Ethylbenzene               | 350  | 150  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 75-09-2   | Methylene chloride         | 2,500                                      | 3,000  | < 0.012  | < 0.014  | < 0.011  |
|       |           | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 100-42-5  | Styrene                    | 630  | 260  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 127-18-4  | Tetrachloroethene          | 800  | 310  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 108-88-3  | Toluene                    | 580  | 290  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 71-55-6   | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 79-00-5   | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 79-01-6   | Trichloroethene            | 1,200                                      | 650  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 75-01-4   | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0062 | < 0.0068 | < 0.0053 |
|       | 1330-20-7 | Xylenes, Total             | 280  | 110  | < 0.018  | < 0.020  | < 0.016  |
| SVOC  | 120-82-1  | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.22   | < 0.21   | < 0.20   |
|       | 95-50-1   | 1,2-Dichlorobenzene        | 560  | 210  | < 0.22   | < 0.21   | < 0.20   |
|       | 105-67-9  | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.22   | < 0.21   | < 0.20   |
|       | 95-57-8   | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.22   | < 0.21   | < 0.20   |
|       | 111-44-4  | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.22   | < 0.21   | < 0.20   |
|       | 117-81-7  | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.1    | < 1.0    | < 0.98   |
|       | 85-68-7   | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.22   | < 0.21   | < 0.20   |
|       | 84-74-2   | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.22   | < 0.21   | < 0.20   |
|       | 117-84-0  | Di-n-octyl phthalate       | 16   | 5.2  | < 0.22   | < 0.21   | < 0.20   |
|       | 84-66-2   | Diethyl phthalate          | 2,200                                      | 920  | < 0.22   | < 0.21   | < 0.20   |
|       | 77-47-4   | Hexachlorocyclopentadiene  | 130  | 44   | < 0.22   | < 0.21   | < 0.20   |
|       | 78-59-1   | Isophorone                 | 3,000                                      | 3,000  | < 0.22   | < 0.21   | < 0.20   |
|       | 621-64-7  | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.042  | < 0.041  | < 0.039  |
|       | 98-95-3   | Nitrobenzene               | 710  | 590  | < 0.042  | < 0.041  | < 0.039  |
| INORG | 7439-97-6 | Mercury                    | 3.1  | N/A  | < 0.024  | 0.028    | < 0.021  |

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-010 19010565-011 19010565-012 Client Sample ID: A-10 A-11 A-12 Date Collected: 01/22/2019 08:15 01/22/2019 08:30 01/22/2019 08:45

|        |            |                            |  | ts for Chemicals With<br>oint < 30°C                         |          |          |          |
|--------|------------|----------------------------|--|--|----------|----------|----------|
|        |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|        | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |          |
| VOC    | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | 0.17     | 0.15     | < 0.085  |
|        | 71-43-2    | Benzene                    | 800  | 580  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.014  | < 0.012  | < 0.011  |
|        | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.11   | < 0.092  | < 0.085  |
|        | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.071  | < 0.062  | < 0.058  |
|        | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0028 | < 0.0024 | < 0.0023 |
|        |            | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0028 | < 0.0024 | < 0.0023 |
|        | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.014  | < 0.012  | < 0.011  |
|        | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 100-42-5   | Styrene                    | 630  | 260  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 108-88-3   | Toluene                    | 580  | 290  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0071 | < 0.0062 | < 0.0058 |
|        | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0071 | < 0.0062 | < 0.0058 |
|        |            | Xylenes, Total             | 280  | 110  | < 0.021  | < 0.018  | < 0.018  |
| svoc   | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.22   | < 0.21   |
| 0.00   | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.22   | < 0.21   |
|        | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.22   | < 0.21   |
|        | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.22   | < 0.21   |
|        | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.22   | < 0.21   |
|        | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.1    | < 1.0    |
|        | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.22   | < 0.21   |
|        | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.22   | < 0.21   |
|        | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.22   | < 0.21   |
|        | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.22   | < 0.21   |
|        | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.22   | < 0.21   |
|        | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.22   | < 0.21   |
|        | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.041  | < 0.042  | < 0.041  |
|        | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.041  | < 0.042  | < 0.041  |
| NODC   | 7439-97-6  |                            | 3.1  | N/A  | < 0.023  | 0.025    | < 0.020  |
| DAORII | 17370710   | Ivicious y                 | J.1  | IVA  | ~ U.UZJ  | 0.023    | 7 0.020  |

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-013 19010565-014 19010565-015
Client Sample ID: A-13 A-14 A-15
Date Collected: 01/22/2019 09:00 01/22/2019 09:15 01/22/2019 09:30

|       |            |                            |  | ts for Chemicals With<br>pint < 30°C                         |          |          |          |
|-------|------------|----------------------------|--|--|----------|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          | •        |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.076  | < 0.078  | 0.084    |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.010  | < 0.011  | < 0.011  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.076  | < 0.078  | < 0.083  |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.050  | < 0.052  | < 0.055  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0020 | < 0.0021 | < 0.0022 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0020 | < 0.0021 | < 0.0022 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.010  | < 0.011  | < 0.011  |
|       |            | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0050 | < 0.0052 | < 0.0055 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0050 | < 0.0052 | < 0.0055 |
|       |            | Xylenes, Total             | 280  | 110  | < 0.015  | < 0.016  | < 0.017  |
| svoc  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.22   | < 0.22   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.22   | < 0.22   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.22   | < 0.22   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.22   | < 0.22   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.22   | < 0.22   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.1    | < 1.1    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.22   | < 0.22   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.22   | < 0.22   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.22   | < 0.22   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.22   | < 0.22   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.22   | < 0.22   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.22   | < 0.22   |
|       |            | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.040  | < 0.043  | < 0.043  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.040  | < 0.043  | < 0.043  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | 0.025    | 0.027    | 0.025    |

Project: Franklin-EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010565-016 19010565-017
Client Sample ID: A-16 A-17
Date Collected: 01/22/2019 09:45 01/22/2019 10:00

|       |            |                            |  | ts for Chemicals With<br>bint < 30°C                         |          |          |
|-------|------------|----------------------------|--|--|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.082  | < 0.076  |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0054 | < 0.0051 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0054 | < 0.0051 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0054 | < 0.0051 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.011  | < 0.010  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.082  | < 0.076  |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.054  | < 0.051  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0054 | < 0.0051 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0054 | < 0.0051 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0054 | < 0.0051 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0054 | < 0.0051 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0054 | < 0.0051 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0054 | < 0.0051 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0054 | < 0.0051 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0054 | < 0.0051 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0054 | < 0.0051 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0054 | < 0.0051 |
|       |            | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0022 | < 0.0020 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0022 | < 0.0020 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0054 | < 0.0051 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.011  | < 0.010  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0054 | < 0.0051 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0054 | < 0.0051 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0054 | < 0.0051 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0054 | < 0.0051 |
| *     | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0054 | < 0.0051 |
| _     | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0054 | < 0.0051 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0054 | < 0.0051 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0054 | < 0.0051 |
|       |            |                            | 280  | 110  | < 0.017  | < 0.015  |
| svoc  |            | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.22   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.22   | < 0.21   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.22   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.22   | < 0.21   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.22   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.1    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.22   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.22   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.22   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.22   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.22   | < 0.21   |
|       | 78-59-1    | lsophorone                 | 3,000                                      | 3,000  | < 0.22   | < 0.21   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.043  | < 0.041  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.043  | < 0.041  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | 0.030    | 0.022    |

Project: Franklin-EB

|          |           |               | Concentration  | TACO Tier 1 |                        |
|----------|-----------|---------------|----------------|-------------|------------------------|
| Test     | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
|          |           | A-1           | 13000          | 9,500       | Within MSA Background  |
|          |           | A-10          | 13000          | 9,200       | Outside MSA Background |
|          |           | A-11          | 13000          |             |                        |
|          |           | A-12          | 15000          |             |                        |
|          |           | A-13          | 14000          |             |                        |
|          |           | A-14          | 12000          | i           |                        |
|          | İ         | A-15          | 14000          | !           |                        |
|          |           | A-16          | 12000          |             |                        |
| INORG    | Aluminum  | A-17          | 13000          | 1           |                        |
|          |           | A-2           | 14000          | 1           |                        |
|          |           | A-3           | 15000          | 1           |                        |
|          |           | A-4           | 13000          |             |                        |
|          |           | A-5           | 15000          |             |                        |
|          |           | A-6           | 16000          | 1           |                        |
|          |           | A-7           | 17000          |             |                        |
|          |           | A-8           | 14000          |             |                        |
|          |           | A-9           | 16000          | ļ           |                        |
| INORG    | Arsenic   | A-13<br>A-2   | 12<br>13       | 11.3        | Outside MSA Background |
| <b>—</b> |           | A-13          | 120            | 110         | Within MSA Background  |
| INORG    | Barium    | A-3           | 120            |             | Within Mort Duong.com  |
|          | -         | A-1           | 0.80           | 0.59        | Within MSA Background  |
|          |           | A-10          | 0.81           | 0.56        | Outside MSA Background |
|          |           | A-11          | 0.81           | ""          | Cultural Parings and   |
|          |           | A-12          | 0.91           |             |                        |
|          |           | A-13          | 0.94           | 1           |                        |
|          |           | A-14          | 0.70           | 1           |                        |
|          |           | A-15          | 0.79           |             |                        |
|          |           | A-16          | 0.73           |             |                        |
| INORG    | Beryllium | A-17          | 0.82           | 1           |                        |
| 1        | ,         | A-2           | 0.91           | 1           |                        |
|          |           | A-3           | 1.0            | 1           |                        |
|          |           | A-4           | 0.84           | 1           |                        |
|          |           | A-5           | 1.0            | 1           |                        |
|          |           | A-6           | 0.97           |             |                        |
|          |           | A-7           | 1.1            | i i         |                        |
|          |           | A-8           | 0.83           | 1           |                        |
|          |           | A-9           | 0.97           | 1           |                        |
|          |           | A-1           | 69000          | 9,300       | Within MSA Background  |
|          |           | A-10          | 61000          | 5,525       | Outside MSA Background |
|          |           | A-11          | 64000          |             | <b>.</b>               |
|          |           | A-12          | 81000          |             |                        |
|          |           | A-13          | 76000          |             |                        |
|          |           | A-14          | 61000          |             |                        |
|          |           | A-15          | 56000          |             |                        |
|          |           | A-16          | 71000          |             |                        |
| INORG    | Calcium   | A-17          | 65000          |             | İ                      |
|          |           | A-2           | 64000          | ļ l         |                        |
|          |           | A-3           | 68000          | <u> </u>    |                        |
|          |           | A-4           | 66000          |             |                        |
|          |           | A-5           | 63000          |             |                        |
|          |           | A-6           | 74000          |             |                        |
|          |           | A-7           | 67000          |             |                        |
|          |           | A-8           | 60000          |             |                        |
|          |           | A-9           | 76000          |             |                        |
|          |           | Λ-2           | /0000          | <u> </u>    |                        |

Project: Franklin-EB

|         | <u> </u> |               | Concentration  | TACO Tier 1 |                           |
|---------|----------|---------------|----------------|-------------|---------------------------|
| Test    | Chemical | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway          |
|         |          | A-1           | 24             | 24          | pH Specific SCGIR Class I |
|         |          | A-10          | 26             | 28          | pH Specific SCGIR Class I |
|         |          | A-11          | 26             | 16.2        | Within MSA Background     |
|         |          | A-12          | 30             | 13.0        | Outside MSA Background    |
|         |          | A-13          | 29             |             |                           |
|         |          | A-14          | 23             |             |                           |
|         |          | A-15          | 27             |             |                           |
|         |          | A-16          | 24             |             |                           |
| INORG   | Chromium | A-17          | 26             |             |                           |
|         |          | A-2           | 28             |             |                           |
|         |          | A-3           | 30             |             |                           |
|         |          | A-4           | 26             |             |                           |
|         |          | A-5           | 30             |             |                           |
|         |          | A-6           | 32             |             |                           |
|         |          | A-7           | 35             |             |                           |
|         |          | A-8           | 28             |             |                           |
|         |          | A-9           | 30             | l           |                           |
|         |          | A-1           | 11             | 8.9         | Within MSA Background     |
|         |          | A-10          | 10             | 8.9         | Outside MSA Background    |
|         | 1        | A-11          | 14             |             | ~                         |
|         |          | A-12          | 15             |             |                           |
|         |          | A-13          | 16             |             |                           |
|         |          | A-14          | 9.6            |             |                           |
|         |          | A-15          | 16             |             |                           |
|         |          | A-16          | 9.9            |             |                           |
| INORG   | Cobalt   | A-17          | 12             |             |                           |
|         |          | A-2           | 20             |             |                           |
|         |          | A-3           | 14             |             |                           |
|         |          | A-4           | 12             |             |                           |
|         |          | A-5           | 12             |             |                           |
|         |          | A-6           | 15             |             |                           |
|         |          | A-7           | 16             |             |                           |
|         |          | A-8           | 18             | ]           |                           |
|         |          | A-9           | 16             |             |                           |
|         |          | A-1           | 26             | 19.6        | Within MSA Background     |
|         |          | A-10          | 25             | 12.0        | Outside MSA Background    |
|         |          | A-11          | 28             |             | <del></del>               |
|         |          | A-12          | 29             |             |                           |
|         |          | A-13          | 39             |             |                           |
|         |          | A-14          | 27             | ļ           |                           |
|         |          | A-15          | 21             |             |                           |
|         |          | A-16          | 30             |             |                           |
| INORG   | Copper   | A-10<br>A-17  | 30             |             |                           |
| 11.01.0 | Соррсі   | A-17<br>A-2   | 29             |             |                           |
|         |          | A-3           | 31             |             |                           |
|         |          | A-4           | 23             |             |                           |
|         |          | A-5           | 29             |             |                           |
|         |          | A-5<br>A-6    | 29             |             |                           |
|         |          | A-0<br>A-7    | 32             |             |                           |
|         |          | A-7<br>A-8    | 32<br>29       |             |                           |
|         |          | A-8<br>A-9    | 31             |             |                           |
|         | -        | A-16          | 0.59           | 0.51        | Within MSA Background     |
| INORG   | Cyanide  |               |                |             | Outside MSA Background    |
|         | L        | A-17          | 1.1            | 0.50        | Outside MISA Dackground   |

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|       |                |               | Concentration  | TACO Tier 1 | • • • •                 |
|-------|----------------|---------------|----------------|-------------|-------------------------|
| Test  | Chemical       | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway        |
| Test  | Chemicai       | A-1           | 23000          | 15,900      | Within MSA Background   |
|       |                | A-10          | 24000          | 15,000      | Outside MSA Background  |
|       |                | A-10<br>A-11  | 26000          | 13,000      | Outside MISA Dackground |
|       |                |               | 30000          |             |                         |
|       |                | A-12          | 33000          |             |                         |
|       |                | A-13          |                |             | ,                       |
|       |                | A-14          | 27000          | 1           |                         |
|       |                | A-15          | 23000          |             |                         |
| DIODG | <b>.</b>       | A-16          | 26000          |             |                         |
| INORG | Iron           | A-17          | 27000          |             |                         |
|       |                | A-2           | 25000          |             |                         |
|       |                | A-3           | 30000          |             |                         |
|       |                | A-4           | 24000          |             |                         |
|       |                | A-5           | 33000          |             | •                       |
|       |                | A-6           | 27000          |             |                         |
|       |                | A-7           | 34000          |             |                         |
|       |                | A-8           | 24000          |             |                         |
|       |                | A-9           | 27000          |             |                         |
|       |                | A-1           | 34000          | 4,820       | Within MSA Background   |
|       |                | A-10          | 31000          | 2,700       | Outside MSA Background  |
|       |                | A-11          | 32000          |             |                         |
|       |                | A-12          | 39000          |             |                         |
|       |                | A-13          | 40000          |             |                         |
|       |                | A-14          | 31000          |             |                         |
|       |                | A-15          | 26000          |             | ,                       |
|       |                | A-16          | 39000          | 1           |                         |
| INORG | Magnesium      | A-17          | 34000          |             |                         |
|       | -              | A-2           | 33000          |             |                         |
|       |                | A-3           | 35000          |             |                         |
|       |                | A-4           | 32000          |             |                         |
|       |                | A-5           | 31000          |             |                         |
|       |                | A-6           | 37000          |             |                         |
|       |                | A-7           | 33000          |             |                         |
| •     |                | A-8           | 31000          |             |                         |
|       |                | A-9           | 38000          |             |                         |
|       |                | A-1           | 31             | 18.0        | Within MSA Background   |
|       |                | A-10          | 31             | 13.0        | Outside MSA Background  |
|       |                | A-11          | 39             |             | Ĭ                       |
|       |                | A-12          | 41             |             | ,                       |
|       |                | A-13          | 45             |             |                         |
|       | l <sup>-</sup> | A-14          | 30             | 1           |                         |
|       |                | A-15          | 41             | 1           |                         |
|       |                | A-16          | 31             |             |                         |
| INORG | Nickel         | A-17          | 36             | 1           |                         |
|       |                | A-2           | 53             | ]           |                         |
|       |                | A-3           | 42             |             |                         |
|       |                | A-4           | 36             |             |                         |
|       |                | A-5           | 38             |             |                         |
|       |                | A-6           | 41             |             |                         |
|       |                | A-0<br>A-7    | 47             |             |                         |
|       |                | A-7<br>A-8    | 46             |             |                         |
|       |                |               | 40             |             |                         |
|       | L              | A-9           | 44             | I           |                         |

Project: Franklin-EB

|       |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
|       |           | A-1           | 2900           | 1,268       | Within MSA Background  |
|       |           | A-10          | 3300           | 1,100       | Outside MSA Background |
|       |           | A-11          | 3100           |             | -                      |
|       |           | A-12          | 3600           | 1           |                        |
|       |           | A-13          | 3800           | 1           |                        |
|       | 1         | A-14          | 2800           |             |                        |
|       | j         | A-15          | 3400           |             |                        |
|       |           | A-16          | 2700           |             |                        |
| INORG | Potassium | A-17          | 3100           |             |                        |
|       |           | A-2           | 3700           |             |                        |
|       |           | A-3           | 3600           |             |                        |
|       |           | A-4           | 3400           |             |                        |
|       |           | A-5           | 4000           |             |                        |
|       |           | A-6           | 4100           |             | •                      |
|       |           | A-7           | 4100           |             |                        |
|       |           | A-8           | 3700           |             |                        |
|       |           | A-9           | 4100           | <u> </u>    |                        |
|       |           | A-10          | 1.4            | 0.48        | Within MSA Background  |
| ľ     |           | A-11          | 1.3            | 0.37        | Outside MSA Background |
|       |           | A-12          | 1.4            |             |                        |
|       |           | A-13          | 1.6            |             |                        |
|       |           | A-14          | 1.7            |             |                        |
|       |           | A-15          | 1.5            |             |                        |
| nione | 6-1       | A-16          | 1.4            |             |                        |
| INORG | Selenium  | A-17          | 1.4            |             |                        |
|       |           | A-4           | 1.3            |             |                        |
|       |           | A-5           | 1.1            |             |                        |
|       |           | A-6           | 1.4            |             |                        |
|       |           | A-7           | 1.3            |             |                        |
|       |           | A-8           | 1.4            |             |                        |
|       |           | A-9           | 1.3            |             |                        |
|       |           | A-1           | 810            | 130         | Within MSA Background  |
|       |           | A-10          | 190            | 130.0       | Outside MSA Background |
|       |           | A-11          | 190            |             |                        |
|       |           | A-12          | 210            |             |                        |
|       |           | A-13          | 200            |             |                        |
|       |           | A-14          | 170            |             |                        |
|       |           | A-15          | 170            |             |                        |
|       |           | A-16          | 180            | ]           |                        |
| INORG | Sodium    | A-17          | 180            |             |                        |
|       |           | A-2           | 210            | ] [         |                        |
|       |           | A-3           | 210            |             |                        |
|       |           | A-4           | 190            | j           |                        |
|       |           | A-5           | 210            |             |                        |
|       |           | A-6           | 220            |             |                        |
|       |           | A-7           | 230            |             |                        |
|       |           | A-8           | 190            |             |                        |
|       |           | A-9           | 230            | <u> </u>    |                        |

# TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

|       |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
|       |           | A-1           | 29             | 25.2        | Within MSA Background  |
|       |           | A-10          | 29             | 25.0        | Outside MSA Background |
|       |           | A-11          | 28             |             |                        |
| ŀ     |           | A-12          | 31             |             |                        |
|       |           | A-13          | 31             |             |                        |
|       |           | A-14          | 29             |             |                        |
| Ì     |           | A-15          | 27             |             |                        |
|       |           | A-16          | 29             |             |                        |
| INORG | Vanadium  | A-17          | 28             |             |                        |
|       |           | A-2           | 30             |             |                        |
|       |           | A-3           | 30             |             |                        |
|       |           | A-4           | 26             |             |                        |
|       |           | A-5           | 31             |             |                        |
|       |           | A-6           | 33             |             |                        |
|       |           | A-7           | 34             |             |                        |
|       |           | A-8           | 28             |             |                        |
|       |           | A-9           | 33             |             |                        |
| DIODG |           | A-13          | 63             | 60.2        | Outside MSA Background |
| INORG | Zinc      | A-7           | 62             | i           | _                      |
| TCLP  | T 4       | A-11          | 0.014 *        | 0.0075      | SCGIR Class I          |
| ICLP  | Lead      | A-9           | 0.010 *        |             |                        |
|       |           | A-1           | 2.5 *          | 0.15        | SCGIR Class I          |
|       | 1         | A-10          | 2.9 *          |             |                        |
|       |           | A-11          | 5.5 *          |             |                        |
|       |           | A-12          | 3.5 *          |             |                        |
|       |           | A-13          | 3.6 *          |             |                        |
|       |           | A-14          | 2.3 *          |             |                        |
|       |           | A-15          | 2.7 *          |             |                        |
|       | l i       | A-16          | 2.3 *          |             |                        |
| TCLP  | Manganese | A-17          | 3.3 *          |             |                        |
|       |           | A-2           | 3.4 *          | 1 .         |                        |
|       |           | A-3           | 2.2 *          |             |                        |
|       |           | A-4           | 3.7 *          |             |                        |
|       |           | A-5           | 3.5 *          | ]           |                        |
|       |           | A-6           | 3.0 *          |             |                        |
|       |           | A-7           | 4.0 *          |             |                        |
|       |           | A-8           | 3.4 *          |             |                        |
|       | ] ]       | A-9           | 7.0 *          |             |                        |
| TOLD  | NI:-11    | A-11          | 0.12 *         | 0.1         | SCGIR Class I          |
| TCLP  | Nickel    | A-3           | 0.15 *         |             |                        |

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| Test           | Chemical            | Sample Number        | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                             |
|----------------|---------------------|----------------------|------------------------------|---------------------------|--|
| TCLP           | Manganese           | Sample Number<br>A-1 | 2.5 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-2                  | 3.4 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-3                  | 2.2 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Nickel              | A-3                  | 0.15 *                       | 0.13                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-4                  | 3.7 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-5                  | 3.5 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-6                  | 3.0 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-7                  | 4.0 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-8                  | 3.4 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Lead                | A-9                  | 0.010 *                      | 0.0075                    | SCGIR Class I                                |
| TCLP           | Manganese           | A-9                  | 7.0 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-10                 | 2.9 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Lead                | A-11                 | 0.014 *                      | 0.0075                    | SCGIR Class I                                |
| TCLP           | Manganese           | A-11                 | 5.5 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Nickel              | A-11                 | 0.12 *                       | 0.1                       | SCGIR Class I                                |
| TCLP           | Manganese           | A-12                 | 3.5 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-13                 | 3.6 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-14                 | 2.3 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-15                 | 2.7 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-16                 | 2.3 *                        | 0.15                      | SCGIR Class I                                |
| TCLP           | Manganese           | A-17                 | 3.3 *                        | 0.15                      | SCGIR Class I                                |
| INORG          | Chromium            | A-3                  | 30                           | 28                        | pH Specific SCGIR Class I                    |
| INORG          | Chromium            | A-5                  | 30                           | 28                        | pH Specific SCGIR Class I                    |
| INORG          | Chromium            | A-6                  | 32                           | 28                        | pH Specific SCGIR Class I                    |
| INORG          | Chromium            | A-7                  | 35                           | 28                        | pH Specific SCGIR Class I                    |
| INORG          | Chromium            | A-12                 | 30                           | 28                        | pH Specific SCGIR Class I                    |
| INORG          | Chromium            | A-13                 | 29                           | 28                        | pH Specific SCGIR Class I                    |
| INORG          | Chromium            | A-15                 | 27                           | 24                        | pH Specific SCGIR Class I                    |
| INORG          | Aluminum            | A-1                  | 13000                        | 9,500                     | Within MSA Background                        |
| INORG          | Beryllium           | A-1                  | 0.80                         | 0.59                      | Within MSA Background                        |
| INORG          | Calcium             | A-1                  | 69000                        | 9,300                     | Within MSA Background                        |
| INORG          | Chromium            | A-1                  | 24                           | 16.2                      | Within MSA Background                        |
| INORG          | Cobalt              | A-1                  | 11                           | 8.9                       | Within MSA Background                        |
| INORG          | Copper              | A-1                  | 26                           | 19.6                      | Within MSA Background                        |
| INORG          | Iron                | A-1                  | 23000                        | 15,900                    | Within MSA Background                        |
| INORG          | Magnesium           | A-1                  | 34000                        | 4,820                     | Within MSA Background                        |
| INORG          | Nickel              | A-1                  | 31                           | 18.0                      | Within MSA Background                        |
| INORG          | Potassium           | A-1                  | 2900                         | 1,268                     | Within MSA Background                        |
| INORG          | Sodium              | A-1                  | 810                          | 130                       | Within MSA Background                        |
| INORG          | Vanadium            | A-1                  | 29                           | 25.2                      | Within MSA Background                        |
| INORG          | Aluminum            | A-2                  | 14000                        | 9,500                     | Within MSA Background                        |
| INORG          | Beryllium           | A-2                  | 0.91                         | 0.59                      | Within MSA Background                        |
| INORG          | Calcium             | A-2                  | 64000                        | 9,300                     | Within MSA Background                        |
| INORG          | Chromium            | A-2                  | 28                           | 16.2                      | Within MSA Background                        |
| INORG          | Cobalt              | A-2                  | 20<br>29                     | 8.9<br>19.6               | Within MSA Background Within MSA Background  |
| INORG          | Copper              | A-2                  | 25000                        |                           | Within MSA Background Within MSA Background  |
| INORG<br>INORG | Iron<br>Magnesium   | A-2<br>A-2           | 33000                        | 15,900<br>4,820           | Within MSA Background Within MSA Background  |
| INORG          | Magnesium<br>Nickel |                      | 53                           | 18.0                      | Within MSA Background Within MSA Background  |
| INORG          | Potassium           | A-2<br>A-2           | 3700                         | 1,268                     | Within MSA Background                        |
| INORG          | Sodium              | A-2<br>A-2           | 210                          | 130                       | Within MSA Background  Within MSA Background |
| INORG          | Vanadium            | A-2<br>A-2           | 30                           | 25.2                      | Within MSA Background                        |
| INORG          | Aluminum            | A-2<br>A-3           | 15000                        | 9,500                     | Within MSA Background                        |
| INORG          | Barium              | A-3                  | 120                          | 110                       | Within MSA Background                        |
| INORG          | Beryllium           | A-3                  | 1.0                          | 0.59                      | Within MSA Background                        |
| INORG          | Calcium             | A-3                  | 68000                        | 9,300                     | Within MSA Background                        |
| INORG          | Chromium            | A-3                  | 30                           | 16.2                      | Within MSA Background                        |
| INORG          | Cobalt              | A-3                  | 14                           | 8.9                       | Within MSA Background                        |
|                |                     |                      | <del>.</del>                 |                           |  |

<sup>\* -</sup> result and RO units are mg/L

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|                |                       |               | Concentration  | TACO Tier 1 |   |
|----------------|-----------------------|---------------|----------------|-------------|---|
| Test           | Chemical              | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway                            |
| INORG          | Copper                | A-3           | 31             | 19.6        | Within MSA Background                       |
| INORG          | Iron                  | A-3           | 30000          | 15,900      | Within MSA Background                       |
| INORG          | Magnesium             | A-3           | 35000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel                | A-3           | 42             | 18.0        | Within MSA Background                       |
| INORG          | Potassium             | A-3           | 3600           | 1,268       | Within MSA Background                       |
| INORG          | Sodium                | A-3           | 210            | 130         | Within MSA Background                       |
| INORG          | Vanadium              | A-3           | 30             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum              | A-4           | 13000          | 9,500       | Within MSA Background                       |
| INORG          | Beryllium             | A-4           | 0.84           | 0.59        | Within MSA Background                       |
| INORG          | Calcium               | A-4           | 66000          | 9,300       | Within MSA Background                       |
| INORG          | Chromium              | A-4           | 26             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt                | A-4           | 12             | 8.9         | Within MSA Background                       |
| INORG          | Copper                | A-4           | 23             | 19.6        | Within MSA Background                       |
| INORG          | lron                  | A-4           | 24000          | 15,900      | Within MSA Background                       |
| INORG          | Magnesium             | A-4           | 32000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel                | A-4           | 36             | 18.0        | Within MSA Background                       |
| INORG          | Potassium             | A-4           | 3400           | 1,268       | Within MSA Background                       |
| INORG          | Selenium              | A-4           | 1.3            | 0.48        | Within MSA Background                       |
| INORG          | Sodium                | A-4           | 190            | 130         | Within MSA Background                       |
| INORG          | Vanadium              | A-4           | 26             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum              | A-5           | 15000          | 9,500       | Within MSA Background                       |
| INORG          | Beryllium             | A-5           | 1.0            | 0.59        | Within MSA Background                       |
| INORG          | Calcium               | A-5           | 63000          | 9,300       | Within MSA Background                       |
| INORG          | Chromium              | A-5           | 30             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt                | A-5           | 12             | 8.9         | Within MSA Background                       |
| INORG          | Copper                | A-5           | 29             | 19.6        | Within MSA Background                       |
| INORG          | Iron                  | A-5           | 33000          | 15,900      | Within MSA Background                       |
| INORG          | Magnesium             | A-5           | 31000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel                | A-5           | 38             | 18.0        | Within MSA Background                       |
| INORG          | Potassium             | A-5           | 4000           | 1,268       | Within MSA Background                       |
| INORG          | Selenium              | A-5           | 1.1            | 0.48        | Within MSA Background                       |
| INORG          | Sodium                | A-5           | 210            | 130         | Within MSA Background                       |
| INORG          | Vanadium              | A-5           | 31             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum              | A-6           | 16000          | 9,500       | Within MSA Background                       |
| INORG          | Beryllium             | A-6           | 0.97           | 0.59        | Within MSA Background                       |
| INORG          | Calcium               | A-6           | 74000          | 9,300       | Within MSA Background                       |
| INORG          | Chromium              | A-6           | 32             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt                | A-6           | 15             | 8.9         | Within MSA Background                       |
| INORG          | Copper                | A-6           | 29             | 19.6        | Within MSA Background                       |
| INORG          | Iron                  | A-6           | 27000          | 15,900      | Within MSA Background                       |
| INORG          | Magnesium             | A-6           | 37000          | 4,820       | Within MSA Background Within MSA Background |
| INORG          | Nickel                | A-6           | 41             | 18.0        |   |
| INORG          | Potassium             | A-6           | 4100           | 1,268       | Within MSA Background Within MSA Background |
| INORG          | Selenium              | A-6           | 1.4            | 0.48        |   |
| INORG          | Sodium                | A-6           | 220            | 25.2        | Within MSA Background Within MSA Background |
| INORG          | Vanadium              | A-6           | 33<br>17000    | 9,500       | Within MSA Background Within MSA Background |
| INORG          | Aluminum<br>Beryllium | A-7           | 1.1            | 0.59        | Within MSA Background Within MSA Background |
| INORG          |                       | A-7           | 67000          | 9,300       | Within MSA Background Within MSA Background |
|                | Chromium              | A-7           | 35             | 16.2        | Within MSA Background Within MSA Background |
| INORG<br>INORG | Chromium<br>Cobalt    | A-7<br>A-7    | 16             | 8.9         | Within MSA Background Within MSA Background |
| INORG          |                       | A-7<br>A-7    | 32             | 19.6        | Within MSA Background Within MSA Background |
| INORG          | Copper<br>Iron        | A-7<br>A-7    | 34000          | 15,900      | Within MSA Background Within MSA Background |
|                |                       |               |                | 4,820       | Within MSA Background Within MSA Background |
| INORG          | Magnesium             | A-7           | 33000<br>47    |             | Within MSA Background Within MSA Background |
| INORG          | Nickel                | A-7           |                | 18.0        | Within MSA Background Within MSA Background |
| INORG          | Potassium_            | A-7           | 4100           | 1,268       | Within MSA Background Within MSA Background |
| INORG          | Selenium              | A-7           | 1.3            | 0.48        |   |
| INORG          | Sodium                | A-7           | 230            | 130         | Within MSA Background                       |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin-EB

| _     |           |               | Concentration  | TACO Tier 1 |  |
|-------|-----------|---------------|----------------|-------------|--|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway                             |
| INORG | Vanadium  | A-7           | 34             | 25.2        | Within MSA Background                        |
| INORG | Aluminum  | A-8           | 14000          | 9,500       | Within MSA Background                        |
| INORG | Beryllium | A-8           | 0.83           | 0.59        | Within MSA Background                        |
| INORG | Calcium   | A-8           | 60000          | 9,300       | Within MSA Background                        |
| INORG | Chromium  | A-8           | 28             | 16.2        | Within MSA Background                        |
| INORG | Cobalt    | A-8           | 18             | 8.9         | Within MSA Background                        |
| INORG | Copper    | A-8           | 29             | 19.6        | Within MSA Background                        |
| INORG | Iron      | A-8           | 24000          | 15,900      | Within MSA Background                        |
| INORG | Magnesium | A-8           | 31000          | 4,820       | Within MSA Background                        |
| INORG | Nickel    | A-8           | 46             | 18.0        | Within MSA Background                        |
| INORG | Potassium | A-8           | 3700           | 1,268       | Within MSA Background                        |
| INORG | Selenium  | A-8           | 1.4            | 0.48        | Within MSA Background                        |
| INORG | Sodium    | A-8           | 190            | 130         | Within MSA Background                        |
| INORG | Vanadium  | A-8           | 28             | 25.2        | Within MSA Background                        |
| INORG | Aluminum  | A-9           | 16000          | 9,500       | Within MSA Background                        |
| INORG | Beryllium | A-9           | 0.97           | 0.59        | Within MSA Background                        |
| INORG | Calcium   | A-9           | 76000          | 9,300       | Within MSA Background                        |
| INORG | Chromium  | A-9           | 30             | 16.2        | Within MSA Background                        |
| INORG | Cobalt    | A-9           | 16             | 8.9         | Within MSA Background                        |
| INORG | Copper    | A-9           | 31             | 19.6        | Within MSA Background                        |
| INORG | Iron      | A-9           | 27000          | 15,900      | Within MSA Background                        |
| INORG | Magnesium | A-9           | 38000          | 4,820       | Within MSA Background                        |
| INORG | Nickel    | A-9           | 42             | 18.0        | Within MSA Background                        |
| INORG | Potassium | A-9<br>A-9    | 4100           | 1,268       | Within MSA Background Within MSA Background  |
|       |           |               |                |             | Within MSA Background  Within MSA Background |
| INORG | Selenium  | A-9           | 1.3            | 0.48        |  |
| INORG | Sodium    | A-9           | 230            | 130         | Within MSA Background                        |
| INORG | Vanadium  | A-9           | 33             | 25.2        | Within MSA Background                        |
| INORG | Aluminum  | A-10          | 13000          | 9,500       | Within MSA Background                        |
| INORG | Beryllium | A-10          | 0.81           | 0.59        | Within MSA Background                        |
| INORG | Calcium   | A-10          | 61000          | 9,300       | Within MSA Background                        |
| INORG | Chromium  | A-10          | 26             | 16.2        | Within MSA Background                        |
| INORG | Cobalt    | A-10          | 10             | 8.9         | Within MSA Background                        |
| INORG | Copper    | A-10          | 25             | 19.6        | Within MSA Background                        |
| INORG | Iron      | A-10          | 24000          | 15,900      | Within MSA Background                        |
| INORG | Magnesium | A-10          | 31000          | 4,820       | Within MSA Background                        |
| INORG | Nickel    | A-10          | 31             | 18.0        | Within MSA Background                        |
| INORG | Potassium | A-10          | 3300           | 1,268       | Within MSA Background                        |
| INORG | Selenium  | A-10          | 1.4            | 0.48        | Within MSA Background                        |
| INORG | Sodium    | A-10          | 190            | 130         | Within MSA Background                        |
| INORG | Vanadium  | A-10          | 29             | 25.2        | Within MSA Background                        |
| INORG | Aluminum  | A-11          | 13000          | 9,500       | Within MSA Background                        |
| INORG | Beryllium | A-11          | 0.81           | 0.59        | Within MSA Background                        |
| INORG | Calcium   | A-11          | 64000          | 9,300       | Within MSA Background                        |
| INORG | Chromium  | A-11          | 26             | 16.2        | Within MSA Background                        |
| INORG | Cobalt    | A-11          | 14             | 8.9         | Within MSA Background                        |
| INORG | Copper    | A-11          | 28             | 19.6        | Within MSA Background                        |
| INORG | Iron      | A-11          | 26000          | 15,900      | Within MSA Background                        |
| INORG | Magnesium | A-11          | 32000          | 4,820       | Within MSA Background                        |
| INORG | Nickel    | A-11          | 39             | 18.0        | Within MSA Background                        |
| INORG | Potassium | A-11          | 3100           | 1,268       | Within MSA Background                        |
| INORG | Selenium  | A-11          | 1.3            | 0.48        | Within MSA Background                        |
| INORG | Sodium    | A-11<br>A-11  | 190            | 130         | Within MSA Background                        |
|       | -         |               | 28             | 25.2        | Within MSA Background  Within MSA Background |
| INORG | Vanadium  | A-11          |                |             |  |
| INORG | Aluminum  | A-12          | 15000          | 9,500       | Within MSA Background                        |
| INORG | Beryllium | A-12          | 0.91           | 0.59        | Within MSA Background                        |
| INORG | Calcium   | A-12          | 81000          | 9,300       | Within MSA Background                        |
| INORG | Chromium  | A-12          | 30             | 16.2        | Within MSA Background                        |
| INORG | Cobalt    | A-12          | 15             | 8.9         | Within MSA Background                        |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin-EB

| Test  | Chemical  | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                             |
|-------|-----------|---------------|------------------------------|---------------------------|--|
| INORG | Copper    | A-12          | 29                           | 19.6                      | Within MSA Background                        |
| INORG | Iron      | A-12<br>A-12  | 30000                        | 15,900                    | Within MSA Background                        |
|       |           | A-12<br>A-12  | 39000                        | 4,820                     | Within MSA Background                        |
| INORG | Magnesium |               |                              |                           | ·  |
| INORG | Nickel    | A-12          | 41                           | 18.0                      | Within MSA Background                        |
| INORG | Potassium | A-12          | 3600                         | 1,268                     | Within MSA Background                        |
| INORG | Selenium  | A-12          | 1.4                          | 0.48                      | Within MSA Background                        |
| INORG | Sodium    | A-12          | 210                          | 130                       | Within MSA Background                        |
| INORG | Vanadium  | A-12          | 31                           | 25.2                      | Within MSA Background                        |
| INORG | Aluminum  | A-13          | 14000                        | 9,500                     | Within MSA Background                        |
| INORG | Barium    | A-13          | 120                          | 110                       | Within MSA Background                        |
| INORG | Beryllium | A-13          | 0.94                         | 0.59                      | Within MSA Background                        |
| INORG | Calcium   | A-13          | 76000                        | 9,300                     | Within MSA Background                        |
| INORG | Chromium  | A-13          | 29                           | 16.2                      | Within MSA Background                        |
| INORG | Cobalt    | A-13          | 16                           | 8.9                       | Within MSA Background                        |
| INORG | Copper    | A-13          | 39                           | 19.6                      | Within MSA Background                        |
| INORG | Iron      | A-13          | 33000                        | 15,900                    | Within MSA Background                        |
| INORG | Magnesium | A-13          | 40000                        | 4,820                     | Within MSA Background                        |
| INORG | Nickel    | A-13          | 45                           | 18.0                      | Within MSA Background                        |
| INORG | Potassium | A-13          | 3800                         | 1,268                     | Within MSA Background                        |
| INORG | Selenium  | A-13          | 1.6                          | 0.48                      | Within MSA Background                        |
| INORG | Sodium    | A-13          | 200                          | 130                       | Within MSA Background                        |
|       |           |               | 31                           | 25.2                      | Within MSA Background                        |
| INORG | Vanadium  | A-13          |                              |                           |  |
| INORG | Aluminum  | A-14          | 12000                        | 9,500                     | Within MSA Background                        |
| INORG | Beryllium | A-14          | 0.70                         | 0.59                      | Within MSA Background                        |
| INORG | Calcium   | A-14          | 61000                        | 9,300                     | Within MSA Background                        |
| INORG | Chromium  | A-14          | 23                           | 16.2                      | Within MSA Background                        |
| ÎNORG | Cobalt    | A-14          | 9.6                          | 8.9                       | Within MSA Background                        |
| INORG | Copper    | A-14          | 27                           | 19.6                      | Within MSA Background                        |
| INORG | lron      | A-14          | 27000                        | 15,900                    | Within MSA Background                        |
| INORG | Magnesium | A-14          | 31000                        | 4,820                     | Within MSA Background                        |
| INORG | Nickel    | A-14          | 30                           | 18.0                      | Within MSA Background                        |
| INORG | Potassium | A-14          | 2800                         | 1,268                     | Within MSA Background                        |
| INORG | Selenium  | A-14          | 1.7                          | 0.48                      | Within MSA Background                        |
| INORG | Sodium    | A-14          | 170                          | 130                       | Within MSA Background                        |
| INORG | Vanadium  | A-14          | 29                           | 25.2                      | Within MSA Background                        |
| INORG | Aluminum  | A-15          | 14000                        | 9,500                     | Within MSA Background                        |
| INORG | Beryllium | A-15          | 0.79                         | 0.59                      | Within MSA Background                        |
| INORG | Calcium   | A-15          | 56000                        | 9,300                     | Within MSA Background                        |
| INORG |           | A-15          | 27                           | 16.2                      | Within MSA Background                        |
| INORG | Cobalt    | A-15          | 16                           | 8.9                       | Within MSA Background                        |
| INORG | Copper    | A-15          | 21                           | 19.6                      | Within MSA Background                        |
| INORG | Iron      | A-15          | 23000                        | 15,900                    | Within MSA Background                        |
|       |           |               |                              |                           |  |
| INORG | Magnesium | A-15          | 26000                        | 4,820                     | Within MSA Background                        |
| INORG | Nickel    | A-15          | 41                           | 18.0                      | Within MSA Background                        |
| INORG | Potassium | A-15          | 3400                         | 1,268                     | Within MSA Background                        |
| INORG | Selenium  | A-15          | 1.5                          | 0.48                      | Within MSA Background                        |
| INORG | Sodium    | A-15          | 170                          | 130                       | Within MSA Background                        |
| INORG | Vanadium  | A-15          | 27                           | 25.2                      | Within MSA Background                        |
| INORG | Aluminum  | A-16          | 12000                        | 9,500                     | Within MSA Background                        |
| INORG | Beryllium | A-16          | 0.73                         | 0.59                      | Within MSA Background                        |
| INORG | Calcium   | A-16          | 71000                        | 9,300                     | Within MSA Background                        |
| INORG | Chromium  | A-16          | 24                           | 16.2                      | Within MSA Background                        |
| INORG | Cobalt    | A-16          | 9.9                          | 8.9                       | Within MSA Background                        |
| INORG | Copper    | A-16          | 30                           | 19.6                      | Within MSA Background                        |
| INORG | Cyanide   | A-16          | 0.59                         | 0.51                      | Within MSA Background                        |
| INORG | Iron      | A-16          | 26000                        | 15,900                    | Within MSA Background                        |
| INORG | Magnesium | A-16          | 39000                        | 4,820                     | Within MSA Background                        |
|       |           |               |                              |                           | Within MSA Background  Within MSA Background |
| INORG | Nickel    | A-16          | 31                           | 18.0                      | WILLIAM DACKGROUNG                           |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin-EB

| <b></b> | <u></u>   |               | Concentration  | TACO Tier 1 | F                      |
|---------|-----------|---------------|----------------|-------------|------------------------|
| Test    | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
| INORG   | Potassium | A-16          | 2700           | 1,268       | Within MSA Background  |
| INORG   | Selenium  | A-16          | 1.4            | 0.48        | Within MSA Background  |
| INORG   | Sodium    | A-16          | 180            | 130         | Within MSA Background  |
| INORG   | Vanadium  | A-16          | 29             | 25.2        | Within MSA Background  |
| INORG   | Aluminum  | A-17          | 13000          | 9,500       | Within MSA Background  |
| INORG   | Beryllium | A-17          | 0.82           | 0.59        | Within MSA Background  |
| INORG   | Calcium   | A-17          | 65000          | 9,300       | Within MSA Background  |
| INORG   | Chromium  | A-17          | 26             | 16.2        | Within MSA Background  |
| INORG   | Cobalt    | A-17          | 12             | 8.9         | Within MSA Background  |
| INORG   | Copper    | A-17          | 30             | 19.6        | Within MSA Background  |
| INORG   | Cyanide   | A-17          | 1.1            | 0.51        | Within MSA Background  |
| INORG   | lron      | A-17          | 27000          | 15,900      | Within MSA Background  |
| INORG   | Magnesium | A-17          | 34000          | 4,820       | Within MSA Background  |
| INORG   | Nickel    | A-17          | 36             | 18.0        | Within MSA Background  |
| INORG   | Potassium | A-17          | 3100           | 1,268       | Within MSA Background  |
| INORG   | Selenium  | A-17          | 1.4            | 0.48        | Within MSA Background  |
| INORG   | Sodium    |               | 180            | 130         | Within MSA Background  |
|         |           | A-17          |                |             |                        |
| INORG   | Vanadium  | A-17          | 28             | 25.2        | Within MSA Background  |
| INORG   | Aluminum  | A-1           | 13000          | 9,200       | Outside MSA Background |
| INORG   | Beryllium | A-1           | 0.80           | 0.56        | Outside MSA Background |
| INORG   | Calcium   | A-1           | 69000          | 5,525       | Outside MSA Background |
| INORG   | Chromium  | A-1           | 24             | 13.0        | Outside MSA Background |
| INORG   | Cobalt    | A-1           | 11             | 8.9         | Outside MSA Background |
| INORG   | Copper    | A-1           | 26             | 12.0        | Outside MSA Background |
| INORG   | Iron      | A-1           | 23000          | 15,000      | Outside MSA Background |
| INORG   | Magnesium | A-1           | 34000          | 2,700       | Outside MSA Background |
| INORG   | Nickel    | A-1           | 31             | 13.0        | Outside MSA Background |
| INORG   | Potassium | A-1           | 2900           | 1,100       | Outside MSA Background |
| INORG   | Sodium    | A-1           | 810            | 130.0       | Outside MSA Background |
| INORG   | Vanadium  | A-1           | 29             | 25.0        | Outside MSA Background |
| INORG   | Aluminum  | A-2           | 14000          | 9,200       | Outside MSA Background |
| INORG   | Arsenic   | A-2           | 13             | 11.3        | Outside MSA Background |
| INORG   | Beryllium | A-2           | 0.91           | 0.56        | Outside MSA Background |
| INORG   | Calcium   | A-2           | 64000          | 5,525       | Outside MSA Background |
| INORG   | Chromium  | A-2           | 28             | 13.0        | Outside MSA Background |
| INORG   | Cobalt    | A-2           | 20             | 8.9         | Outside MSA Background |
| INORG   |           |               | 29             | 12.0        |                        |
|         | Copper    | A-2           |                |             | Outside MSA Background |
| INORG   | Iron      | A-2           | 25000          | 15,000      | Outside MSA Background |
|         | Magnesium | A-2           | 33000          | 2,700       | Outside MSA Background |
| INORG   | Nickel    | A-2           | 53             | 13.0        | Outside MSA Background |
| INORG   | Potassium | A-2           | 3700           | 1,100       | Outside MSA Background |
| INORG   | Sodium    | A-2           | 210            | 130.0       | Outside MSA Background |
| INORG   | Vanadium  | A-2           | 30             | 25.0        | Outside MSA Background |
| INORG   | Aluminum  | A-3           | 15000          | 9,200       | Outside MSA Background |
| INORG   | Beryllium | A-3           | 1.0            | 0.56        | Outside MSA Background |
| INORG   | Calcium   | A-3           | 68000          | 5,525       | Outside MSA Background |
| INORG   | Chromium  | A-3           | 30             | 13.0        | Outside MSA Background |
| INORG   | Cobalt    | A-3           | 14             | 8.9         | Outside MSA Background |
| INORG   | Copper    | A-3           | 31             | 12.0        | Outside MSA Background |
| INORG   | Iron      | A-3           | 30000          | 15,000      | Outside MSA Background |
| INORG   | Magnesium | A-3           | 35000          | 2,700       | Outside MSA Background |
| INORG   | Nickel    | A-3           | 42             | 13.0        | Outside MSA Background |
|         |           |               | 3600           |             | Outside MSA Background |
| INORG   | Potassium | A-3           |                | 1,100       |                        |
| INORG   | Sodium    | A-3           | 210            | 130.0       | Outside MSA Background |
| INORG   | Vanadium  | A-3           | 30             | 25.0        | Outside MSA Background |
| INORG   | Aluminum  | A-4           | 13000          | 9,200       | Outside MSA Background |
| INORG   | Beryllium | A-4           | 0.84           | 0.56        | Outside MSA Background |
| INORG   | Calcium   | A-4           | 66000          | 5,525       | Outside MSA Background |
|         |           |               |                |             |                        |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin-EB

|       |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
| INORG | Chromium  | A-4           | 26             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | A-4           | 12             | 8.9         | Outside MSA Background |
| INORG | Copper    | A-4           | 23             | 12.0        | Outside MSA Background |
| INORG | Iron      | A-4           | 24000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | A-4           | 32000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | A-4           | 36             | 13.0        | Outside MSA Background |
| INORG | Potassium | A-4           | 3400           | 1,100       | Outside MSA Background |
| INORG | Selenium  | A-4           | 1.3            | 0.37        | Outside MSA Background |
| INORG | Sodium    | A-4           | 190            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | A-4           | 26             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | A-5           | 15000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | A-5           | 1.0            | 0.56        | Outside MSA Background |
| INORG | Calcium   | A-5           | 63000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | A-5           | 30             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | A-5           | 12             | 8.9         | Outside MSA Background |
| INORG | Copper    | A-5           | 29             | 12.0        | Outside MSA Background |
| INORG | Iron      | A-5           | 33000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | A-5           | 31000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | A-5           | 38             | 13.0        | Outside MSA Background |
| INORG | Potassium | A-5<br>A-5    | 4000           | 1,100       | Outside MSA Background |
| INORG | Selenium  |               | 1.1            | 0.37        | Outside MSA Background |
|       |           | A-5           |                |             |                        |
| INORG | Sodium    | A-5           | 210            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | A-5           | 31             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | A-6           | 16000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | A-6           | 0.97           | 0.56        | Outside MSA Background |
| INORG | Calcium   | A-6           | 74000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | A-6           | 32             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | A-6           | 15             | 8.9         | Outside MSA Background |
| INORG | Copper    | A-6           | 29             | 12.0        | Outside MSA Background |
| INORG | Iron      | A-6           | 27000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | A-6           | 37000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | A-6           | 41             | 13.0        | Outside MSA Background |
| INORG | Potassium | A-6           | 4100           | 1,100       | Outside MSA Background |
| INORG | Selenium  | A-6           | 1.4            | 0.37        | Outside MSA Background |
| INORG | Sodium    | A-6           | 220            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | A-6           | 33             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | A-7           | 17000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | A-7           | 1.1            | 0.56        | Outside MSA Background |
| INORG | Calcium   | A-7           | 67000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | A-7           | 35             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | A-7           | 16             | 8.9         | Outside MSA Background |
| INORG | Copper    | A-7           | 32             | 12.0        | Outside MSA Background |
| INORG | Iron      | A-7           | 34000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | A-7           | 33000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | A-7           | 47             | 13.0        | Outside MSA Background |
| INORG | Potassium | A-7           | 4100           | 1,100       | Outside MSA Background |
| INORG | Selenium  | A-7           | 1.3            | 0.37        | Outside MSA Background |
| INORG | Sodium    | A-7           | 230            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | A-7           | 34             | 25.0        | Outside MSA Background |
| INORG | Zinc      | A-7<br>A-7    | 62             | 60.2        | Outside MSA Background |
|       |           |               | 14000          | 9,200       |                        |
| INORG | Aluminum  | A-8           |                |             | Outside MSA Background |
| INORG | Beryllium | A-8           | 0.83           | 0.56        | Outside MSA Background |
| INORG | Calcium   | A-8           | 60000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | A-8           | 28             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | A-8           | 18             | 8.9         | Outside MSA Background |
| INORG | Соррег    | A-8           | 29             | 12.0        | Outside MSA Background |
| INORG | Iron      | A-8           | 24000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | A-8           | 31000          | 2,700       | Outside MSA Background |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin-EB

| Test  | Chemical  | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                               |
|-------|-----------|---------------|------------------------------|---------------------------|--|
| INORG | Nickel    | A-8           | 46                           | 13.0                      | Outside MSA Background                         |
| INORG | Potassium | A-8           | 3700                         | 1,100                     | Outside MSA Background                         |
| INORG | Selenium  | A-8           | 1.4                          | 0.37                      | Outside MSA Background                         |
| INORG | Sodium    | A-8           | 190                          | 130.0                     | Outside MSA Background                         |
| INORG | Vanadium  | A-8           | 28                           | 25.0                      | Outside MSA Background                         |
| INORG | Aluminum  | A-9           | 16000                        | 9,200                     | Outside MSA Background                         |
| INORG | Beryllium | A-9           | 0.97                         | 0.56                      | Outside MSA Background                         |
| INORG | Calcium   | A-9           | 76000                        | 5,525                     | Outside MSA Background                         |
| INORG | Chromium  | A-9           | 30                           | 13.0                      | Outside MSA Background                         |
| INORG | Cobalt    | A-9           | 16                           | 8.9                       | Outside MSA Background                         |
| INORG | Copper    | A-9           | 31                           | 12.0                      | Outside MSA Background                         |
| INORG | Iron      | A-9           | 27000                        | 15,000                    | Outside MSA Background                         |
| INORG | Magnesium | A-9           | 38000                        | 2,700                     | Outside MSA Background                         |
| INORG | Nickel    | A-9           | 42                           | 13.0                      | Outside MSA Background                         |
| INORG | Potassium | A-9           | 4100                         | 1,100                     | Outside MSA Background                         |
| INORG | Selenium  | A-9           | 1.3                          | 0.37                      | Outside MSA Background                         |
| INORG | Sodium    | A-9           | 230                          | 130.0                     | Outside MSA Background                         |
| INORG | Vanadium  | A-9           | 33                           | 25.0                      | Outside MSA Background                         |
| INORG | Aluminum  | A-10          | 13000                        | 9,200                     | Outside MSA Background                         |
| INORG | Beryllium | A-10          | 0.81                         | 0.56                      | Outside MSA Background                         |
| INORG | Calcium   | A-10          | 61000                        | 5,525                     | Outside MSA Background                         |
| INORG | Chromium  | A-10          | 26                           | 13.0                      | Outside MSA Background                         |
| INORG | Cobalt    | A-10          | 10                           | 8.9                       | Outside MSA Background                         |
| INORG | Copper    | A-10          | 25                           | 12.0                      | Outside MSA Background                         |
| INORG | Iron      | A-10          | 24000                        | 15,000                    | Outside MSA Background                         |
| INORG | Magnesium | A-10          | 31000                        | 2,700                     | Outside MSA Background                         |
| INORG | Nickel    | A-10          | 31                           | 13.0                      | Outside MSA Background                         |
| INORG | Potassium | A-10          | 3300                         | 1,100                     | Outside MSA Background                         |
| INORG | Selenium  | A-10          | 1.4                          | 0.37                      | Outside MSA Background                         |
| INORG | Sodium    | A-10          | 190                          | 130.0                     | Outside MSA Background                         |
| INORG | Vanadium  | A-10          | 29                           | 25.0                      | Outside MSA Background                         |
| INORG | Aluminum  | A-11          | 13000                        | 9,200                     | Outside MSA Background                         |
| INORG | Beryllium | A-11          | 0.81                         | 0.56                      | Outside MSA Background                         |
| INORG | Calcium   | A-11          | 64000                        | 5,525                     | Outside MSA Background                         |
| INORG | Chromium  | A-11          | 26                           | 13.0                      | Outside MSA Background                         |
| INORG | Cobalt    | A-11          | 14                           | 8.9                       | Outside MSA Background                         |
| INORG | Copper    | A-11          | 28                           | 12.0                      | Outside MSA Background                         |
| INORG | Iron      | A-11          | 26000                        | 15,000                    | Outside MSA Background                         |
| INORG | Magnesium | A-11          | 32000                        | 2,700                     | Outside MSA Background                         |
| INORG | Nickel    | A-11          | 39                           | 13.0                      | Outside MSA Background                         |
| INORG | Potassium | A-11          | 3100                         | 1,100                     | Outside MSA Background                         |
| INORG | Selenium  | A-11          | 1.3                          | 0.37                      | Outside MSA Background                         |
| INORG | Sodium    | A-11          | 190                          | 130.0                     | Outside MSA Background                         |
| INORG | Vanadium  | A-11          | 28                           | 25.0                      | Outside MSA Background                         |
| INORG | Aluminum  | A-12          | 15000                        | 9,200                     | Outside MSA Background                         |
| INORG | Beryllium | A-12<br>A-12  | 0.91                         | 0.56                      | Outside MSA Background                         |
| INORG | Calcium   | A-12          | 81000                        | 5,525                     | Outside MSA Background                         |
| INORG | Chromium  | A-12<br>A-12  | 30                           | 13.0                      | Outside MSA Background                         |
| INORG | Cobalt    | A-12<br>A-12  | 15                           | 8.9                       | Outside MSA Background                         |
| INORG | Copper    | A-12<br>A-12  | 29                           | 12.0                      | Outside MSA Background                         |
| INORG | Iron      | A-12<br>A-12  | 30000                        | 15,000                    | Outside MSA Background                         |
| INORG |           | A-12<br>A-12  | 39000                        | 2,700                     | Outside MSA Background                         |
|       | Magnesium |               | 41                           | 13.0                      | Outside MSA Background  Outside MSA Background |
| INORG | Nickel    | A-12          | 3600                         | 1,100                     | Outside MSA Background                         |
| INORG | Potassium | A-12          |                              | 0.37                      | Outside MSA Background                         |
| INORG | Selenium  | A-12          | 1.4                          |                           | Outside MSA Background                         |
| INORG | Sodium    | A-12          | 210                          | 130.0                     |  |
| INORG | Vanadium  | A-12          | 31                           | 25.0                      | Outside MSA Background                         |
| INORG | Aluminum  | A-13          | 14000                        | 9,200                     | Outside MSA Background                         |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin-EB

|       |           | ·                     | Concentration  | TACO Tier 1 |   |
|-------|-----------|-----------------------|----------------|-------------|---|
| Test  | Chemical  | Samula Number         | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway                              |
| INORG | Arsenic   | Sample Number<br>A-13 | 12             | 11.3        | Outside MSA Background                        |
| INORG | Beryllium | A-13                  | 0.94           | 0.56        | Outside MSA Background                        |
| INORG | Calcium   | A-13                  | 76000          | 5,525       | Outside MSA Background                        |
| INORG | Chromium  | A-13                  | 29             | 13.0        | Outside MSA Background                        |
| INORG | Cobalt    |                       | 16             | 8.9         | Outside MSA Background                        |
|       |           | A-13                  |                |             |   |
| INORG | Copper    | A-13                  | 39             | 12.0        | Outside MSA Background                        |
| INORG | Iron      | A-13                  | 33000          | 15,000      | Outside MSA Background                        |
| INORG | Magnesium | A-13                  | 40000          | 2,700       | Outside MSA Background                        |
| INORG | Nickel    | A-13                  | 45             | 13.0        | Outside MSA Background                        |
| INORG | Potassium | A-13                  | 3800           | 1,100       | Outside MSA Background                        |
| INORG | Selenium  | A-13                  | 1.6            | 0.37        | Outside MSA Background                        |
| INORG | Sodium    | A-13                  | 200            | 130.0       | Outside MSA Background                        |
| INORG | Vanadium  | A-13                  | 31             | 25.0        | Outside MSA Background                        |
| INORG | Zinc      | A-13                  | 63             | 60.2        | Outside MSA Background                        |
| INORG | Aluminum  | A-14                  | 12000          | 9,200       | Outside MSA Background                        |
| INORG | Beryllium | A-14                  | 0.70           | 0.56        | Outside MSA Background                        |
| INORG | Calcium   | A-14                  | . 61000        | 5,525       | Outside MSA Background                        |
| INORG | Chromium  | A-14                  | 23             | 13.0        | Outside MSA Background                        |
| INORG | Cobalt    | A-14                  | 9.6            | 8.9         | Outside MSA Background                        |
| INORG | Copper    | A-14                  | 27             | 12.0        | Outside MSA Background                        |
| INORG | Iron      | A-14                  | 27000          | 15,000      | Outside MSA Background                        |
| INORG | Magnesium | A-14                  | 31000          | 2,700       | Outside MSA Background                        |
| INORG | Nickel    | A-14                  | _30            | 13.0        | Outside MSA Background                        |
| INORG | Potassium | A-14                  | 2800           | 1,100       | Outside MSA Background                        |
| INORG | Selenium  | A-14                  | 1.7            | 0.37        | Outside MSA Background                        |
| INORG | Sodium    | A-14                  | 170            | 130.0       | Outside MSA Background                        |
| INORG | Vanadium  | A-14                  | 29             | 25.0        | Outside MSA Background                        |
| INORG | Aluminum  | A-15                  | 14000          | 9,200       | Outside MSA Background                        |
| INORG | Beryllium | A-15                  | 0.79           | 0.56        | Outside MSA Background                        |
| INORG | Calcium   | A-15                  | 56000          | 5,525       | Outside MSA Background                        |
| INORG | Chromium  | A-15                  | 27             | 13.0        | Outside MSA Background                        |
| INORG | Cobalt    | A-15                  | 16             | 8.9         | Outside MSA Background                        |
| INORG | Copper    | A-15                  | 21             | 12.0        | Outside MSA Background                        |
| INORG | Iron      | A-15                  | 23000          | 15,000      | Outside MSA Background                        |
| INORG | Magnesium | A-15                  | 26000          | 2,700       | Outside MSA Background                        |
| INORG | Nickel    | A-15                  | 41             | 13.0        | Outside MSA Background                        |
| INORG | Potassium | A-15                  | 3400           | 1,100       | Outside MSA Background                        |
| INORG | Selenium  | A-15                  | 1.5            | 0.37        | Outside MSA Background                        |
| INORG | Sodium    | A-15                  | 170            | 130.0       | Outside MSA Background                        |
| INORG | Vanadium  | A-15                  | 27             | 25.0        | Outside MSA Background                        |
| INORG | Aluminum  | A-16                  | 12000          | 9,200       | Outside MSA Background                        |
| INORG | Beryllium | A-16                  | 0.73           | 0.56        | Outside MSA Background                        |
| INORG | Calcium   | A-16                  | 71000          | 5,525       | Outside MSA Background                        |
| INORG | Chromium  | A-16                  | 24             | 13.0        | Outside MSA Background                        |
| INORG | Cobalt    | A-16                  | 9.9            | 8.9         | Outside MSA Background                        |
| INORG | Copper    | A-16                  | 30             | 12.0        | Outside MSA Background                        |
| INORG | Cyanide   | A-16                  | 0.59           | 0.50        | Outside MSA Background                        |
| INORG | Iron      | A-16                  | 26000          | 15,000      | Outside MSA Background                        |
| INORG | Magnesium | A-16<br>A-16          | 39000          | 2,700       | Outside MSA Background                        |
| INORG | Nickel    | A-16<br>A-16          | 39000          | 13.0        | Outside MSA Background                        |
| INORG | Potassium |                       | 2700           | 1,100       | Outside MSA Background Outside MSA Background |
| INORG |           | A-16                  |                |             |   |
| INORG | Selenium  | A-16                  | 1.4            | 0.37        | Outside MSA Background                        |
|       | Sodium    | A-16                  | 180            | 130.0       | Outside MSA Background                        |
| INORG | Vanadium  | A-16                  | 29             | 25.0        | Outside MSA Background                        |
| INORG | Aluminum  | A-17                  | 13000          | 9,200       | Outside MSA Background                        |
| INORG | Beryllium | A-17                  | 0.82           | 0.56        | Outside MSA Background                        |
| INORG | Calcium   | A-17                  | 65000          | 5,525       | Outside MSA Background                        |
| INORG | Chromium  | · A-17                | 26             | 13.0        | Outside MSA Background                        |

<sup>\* -</sup> result and RO units are mg/L

## TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin-EB

| Test  | Chemical  | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway       |
|-------|-----------|---------------|------------------------------|---------------------------|------------------------|
| INORG | Cobalt    | A-17          | 12                           | 8.9                       | Outside MSA Background |
| INORG | Copper    | A-17          | 30                           | 12.0                      | Outside MSA Background |
| INORG | Cyanide   | A-17          | 1.1                          | 0.50                      | Outside MSA Background |
| INORG | Iron      | A-17          | 27000                        | 15,000                    | Outside MSA Background |
| INORG | Magnesium | A-17          | 34000                        | 2,700                     | Outside MSA Background |
| INORG | Nickel    | A-17          | 36                           | 13.0                      | Outside MSA Background |
| INORG | Potassium | A-17          | 3100                         | 1,100                     | Outside MSA Background |
| INORG | Selenium  | A-17          | 1.4                          | 0.37                      | Outside MSA Background |
| INORG | Sodium    | A-17          | 180                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium  | A-17          | 28                           | 25.0                      | Outside MSA Background |

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004 19010622-005

Client Sample ID : A-18 A-19 A-20 A-21 A-22

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45 01/23/2019 07:00

|            |                           |           | toute Specific | Constructi<br>Route Specia | ic Values for | Soil Component of Groundwater Ingestion Exposure Route Values |          | Į.       |          |          |          |          |
|------------|---------------------------|-----------|----------------|----------------------------|---------------|---|----------|----------|----------|----------|----------|----------|
| CAS No.    | Analyte                   | Ingestion | Inhalation     | Ingestion                  | Inhalation    | Class I   | Class II |          |          |          |          |          |
| 67-64-1    | Acetone                   | 70,000    | 100,000        | *****                      | 100,000       | 25  | 25       | < 0.070  | 0.097    | 0.17     | 0.12     | 0.10     |
| 71-43-2    | Benzene                   | 12        | 0.8            | 2,300                      | 2,2           | 0.03  | 0.17     | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 75-27-4    | Bromodichloromethane      | 10        | 3,000          | 2,000                      | 3,000         | 0.6   | 0.6      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 75-25-2    | Bromoform                 | 81        | 53             | 16,000                     | 140           | 0.8   | 0.8      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 74-83-9    | Bromomethane              | 110       | 10             | 1,000                      | 3.9           | 0.2   | 1.2      | < 0.0093 | < 0.013  | < 0.010  | < 0.012  | < 0.012  |
| 78-93-3    | 2-Butanone                |           |                |                            |               |   |          | < 0.070  | < 0.097  | < 0.078  | < 0.087  | < 0.089  |
| 75-15-0    | Carbon disulfide          | 7,800     | 720            | 20,000                     | 9.0           | 32  | 160      | < 0.046  | < 0.064  | < 0.052  | < 0.058  | < 0.059  |
| 56-23-5    | Carbon tetrachloride      | 5         | 0.3            | 410                        | 0.90          | 0.07  | 0.33     | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 108-90-7   | Chlorobenzene             | 1,600     | 130            | 4,100                      | 1.3           | 1   | 6.5      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 75-00-3    | Chloroethane              |           |                |                            |               |   |          | < 0.0093 | < 0.013  | < 0.010  | < 0.012  | < 0.012  |
| 67-66-3    | Chloroform                | 100       | 0.3            | 2,000                      | 0.76          | 0.6   | 2.9      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 74-87-3    | Chloromethane             |           |                |                            |               |   |          | < 0.0093 | < 0.013  | < 0.010  | < 0.012  | < 0.012  |
| 124-48-1   | Dibromochloromethane      | 1,600     | 1,300          | 41,000                     | 1,300         | 0.4   | 0.4      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800     | 1,300          | 200,000                    | 130           | 23  | 110      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 107-06-2   | 1,2-Dichloroethane        | 7         | 0.4            | 1,400                      | 0.99          | 0.02  | 0.1      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900     | 290            | 10,000                     | 3.0           | 0.06  | 0.3      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780       | 1,200          | 20,000                     | 1,200         | 0.4   | 1.1      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600     | 3,100          | 41,000                     | 3,100         | 0.7   | 3.4      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 78-87-5    | 1,2-Dichloropropane       | 9         | 15             | 1,800                      | 0.50          | 0.03  | 0.15     | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6         | 1.1            | 1,200                      | 0.39          | 0.004   | 0.02     | < 0.0019 | < 0.0026 | < 0.0021 | < 0.0023 | < 0.0024 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6         | 1.1            | 1,200                      | 0.39          | 0.004   | 0.02     | < 0.0019 | < 0.0026 | < 0.0021 | < 0.0023 | < 0.0024 |
| 100-41-4   | Ethylbenzene              | 7,800     | 400            | 20,000                     | 58            | 13  | 19       | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 591-78-6   | 2-Hexanone                |           |                |                            |               |   |          | < 0.019  | < 0.026  | < 0.021  | < 0.023  | < 0.024  |
| 108-10-1   | 4-Methyl-2-pentanone      |           |                |                            |               |   |          | < 0.019  | < 0.026  | < 0.021  | < 0.023  | < 0.024  |
| 75-09-2    | Methylene chloride        | 85        | 13             | 12,000                     | 34            | 0.02  | 0.2      | < 0.0093 | < 0.013  | < 0.010  | < 0.012  | < 0.012  |
| 1634-04-4  | Methyl tert-butyl ether   | 780       | 8,800          | 2,000                      | 140           | 0.32  | 0.32     | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 100-42-5   | Styrene                   | 16,000    | 1,500          | 41,000                     | 430           | 4   | 18       | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |           |                |                            |               |   |          | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 127-18-4   | Tetrachloroethene         | 12        | 11             | 2,400                      | 28            | 0.06  | 0.3      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 108-88-3   | Toluene                   | 16,000    | 650            | 410,000                    | 42            | 12  | 29       | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 71-55-6    | 1,1,1-Trichloroethane     |           | 1,200          |                            | 1,200         | 2   | 9.6      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310       | 1,800          | 8,200                      | 1,800         | 0.02  | 0.3      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 79-01-6    | Trichloroethene           | 58        | 5              | 1,200                      | 12            | 0.06  | 0.3      | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 75-01-4    | Vinyl chloride            | 0.46      | 0.28           | 170                        | 1.1           | 0.01  | 0.07     | < 0.0046 | < 0.0064 | < 0.0052 | < 0.0058 | < 0.0059 |
| 1330-20-7  | Xylenes, Total            | 16,000    | 320            | 41,000                     | 5.6           | 150   | 150      | < 0.014  | < 0.019  | < 0.016  | < 0.017  | < 0.018  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

#### TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-006 19010622-007 19010622-008 19010622-009 19010622-010

Client Sample ID : A-23 A-24 A-25 A-26 A-27

Date Collected: 01/23/2019 07:15 01/23/2019 07:30 01/23/2019 07:45 01/23/2019 08:00 01/23/2019 08:15

|            |                           | Construction Worker Soil Component of |                |           |               |           |             | ·<br>1   |          |          |          |          |
|------------|---------------------------|---------------------------------------|----------------|-----------|---------------|-----------|-------------|----------|----------|----------|----------|----------|
|            |                           |                                       |                | · ·       |               |           |             |          |          |          |          |          |
|            |                           | 1                                     | loute Specific |           | ic Values for | Groundwat | •           |          |          |          |          |          |
| a.a        |                           | Values                                |                |           | oil           |           | oute Values |          |          |          |          |          |
| CAS No.    | Analyte                   | Ingestion                             | Inhalation     | Ingestion | Inhalation    | Class I   | Class II    |          |          |          |          |          |
|            | Acetone                   | 70,000                                | 100,000        | *****     | 100,000       | 25        | 25          | 0.18     | 0.13     | < 0.076  | < 0.097  | < 0.082  |
|            | Benzene                   | 12                                    | 0.8            | 2,300     | 2.2           | 0.03      | 0.17        | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
|            | Bromodichloromethane      | 10                                    | 3,000          | 2,000     | 3,000         | 0.6       | 0.6         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
|            | Bromoform                 | 81                                    | 53             | 16,000    | 140           | 0.8       | 0.8         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
|            | Bromomethane              | 110                                   | 10             | 1,000     | 3.9           | 0.2       | 1.2         | < 0.011  | < 0.011  | < 0.010  | < 0.013  | < 0.011  |
| 78-93-3    | 2-Butanone                |                                       |                |           |               | •         |             | < 0.085  | < 0.081  | < 0.076  | < 0.097  | < 0.082  |
| 75-15-0    | Carbon disulfide          | 7,800                                 | 720            | 20,000    | 9.0           | 32        | 160         | < 0.057  | < 0.054  | < 0.051  | < 0.065  | < 0.054  |
| 56-23-5    | Carbon tetrachloride      | .5                                    | 0.3            | 410       | 0.90          | 0.07      | 0.33        | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 108-90-7   | Chlorobenzene             | 1,600                                 | 130            | 4,100     | 1.3           | 1         | 6.5         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 75-00-3    | Chloroethane              |                                       |                |           |               |           |             | < 0.011  | < 0.011  | < 0.010  | < 0.013  | < 0.011  |
| 67-66-3    | Chloroform                | 100                                   | 0.3            | 2,000     | 0.76          | 0.6       | 2.9         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 74-87-3    | Chloromethane             |                                       |                |           |               |           |             | < 0.011  | < 0.011  | < 0.010  | < 0.013  | < 0.011  |
| 124-48-1   | Dibromochloromethane      | 1,600                                 | 1,300          | 41,000    | 1,300         | 0.4       | 0.4         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800                                 | 1,300          | 200,000   | 130           | 23        | 110         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 107-06-2   | 1,2-Dichloroethane        | 7                                     | 0.4            | 1,400     | 0.99          | 0.02      | 0.1         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900                                 | 290            | 10,000    | 3.0           | 0.06      | 0.3         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780                                   | 1,200          | 20,000    | 1,200         | 0.4       | 1.1         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600                                 | 3,100          | 41,000    | 3,100         | 0.7       | 3.4         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 78-87-5    | 1,2-Dichloropropane       | 9                                     | 15             | 1,800     | 0.50          | 0.03      | 0.15        | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6                                     | 1.1            | 1,200     | 0.39          | 0.004     | 0.02        | < 0.0023 | < 0.0021 | < 0.0020 | < 0.0026 | < 0.0022 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6                                     | 1.1            | 1,200     | 0.39          | 0.004     | 0.02        | < 0.0023 | < 0.0021 | < 0.0020 | < 0.0026 | < 0.0022 |
| 100-41-4   | Ethylbenzene              | 7,800                                 | 400            | 20,000    | 58            | 13        | 19          | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 591-78-6   | 2-Hexanone                |                                       |                |           |               |           |             | < 0.023  | < 0.021  | < 0.020  | < 0.026  | < 0.022  |
| 108-10-1   | 4-Methyl-2-pentanone      |                                       |                |           |               |           |             | < 0.023  | < 0.021  | < 0.020  | < 0.026  | < 0.022  |
| 75-09-2    | Methylene chloride        | 85                                    | 13             | 12,000    | 34            | 0.02      | 0.2         | < 0.011  | < 0.011  | < 0.010  | < 0.013  | < 0.011  |
| 1634-04-4  | Methyl tert-butyl ether   | 780                                   | 8,800          | 2,000     | 140           | 0.32      | 0.32        | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 100-42-5   | Styrene                   | 16,000                                | 1,500          | 41,000    | 430           | 4         | 18          | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |                                       | i i            |           | <del> </del>  |           |             | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 127-18-4   | Tetrachloroethene         | 12                                    | 11             | 2,400     | 28            | 0.06      | 0.3         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 108-88-3   | Toluene                   | 16,000                                | 650            | 410,000   | 42            | 12        | 29          | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 71-55-6    | 1,1,1-Trichloroethane     |                                       | 1,200          |           | 1,200         | 2         | 9.6         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310                                   | 1,800          | 8,200     | 1,800         | 0.02      | 0.3         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 79-01-6    | Trichloroethene           | 58                                    | 5              | 1,200     | 12            | 0.06      | 0.3         | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
| 75-01-4    | Vinyl chloride            | 0.46                                  | 0.28           | 170       | 1.1           | 0.01      | 0.07        | < 0.0057 | < 0.0054 | < 0.0051 | < 0.0065 | < 0.0054 |
|            | Xylenes, Total            | 16,000                                | 320            | 41,000    | 5.6           | 150       | 150         | < 0.017  | < 0.016  | < 0.015  | < 0.019  | < 0.016  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

#### TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-011 19010622-012 19010622-013 19010622-014 19010622-015

Client Sample ID: A-28 A-29 A-30 A-31 A-32

Date Collected: 01/23/2019 08:30 01/23/2019 08:45 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30

|            |                           |               | <del> </del>   | Construction Worker Soil Component of |               |         |              |            |          |          |          |          |
|------------|---------------------------|---------------|----------------|---------------------------------------|---------------|---------|--------------|------------|----------|----------|----------|----------|
|            |                           | Residential F | loute Specific |                                       | ic Values for |         | er Ingestion |            |          |          |          |          |
|            |                           |               | for Soil       |                                       | oil           |         | oute Values  |            |          |          |          |          |
| CAS No.    | Analyte                   | Ingestion     | Inhalation     | Ingestion                             | Inhalation    | Class I | Class II     |            |          |          |          |          |
| 67-64-1    | Acetone                   | 70,000        | 100,000        |                                       | 100,000       | 25      | 25           | < 0.071    | < 0.075  | < 0.088  | < 0.096  | < 0.078  |
| 71-43-2    | Benzene                   | 12            | 0.8            | 2,300                                 | 2.2           | 0.03    | 0.17         | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 75-27-4    | Bromodichloromethane      | 10            | 3,000          | 2,000                                 | 3,000         | 0.6     | 0.6          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 75-25-2    | Bromoform                 | 81            | 53             | 16,000                                | 140           | 0.8     | 0.8          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 74-83-9    | Bromomethane              | 110           | 10             | 1,000                                 | 3.9           | 0.2     | 1.2          | < 0.0094   | < 0.010  | < 0.012  | < 0.013  | < 0.010  |
| 78-93-3    | 2-Butanone                |               |                |                                       |               |         |              | < 0.071    | < 0.075  | < 0.088  | < 0.096  | < 0.078  |
| 75-15-0    | Carbon disulfide          | 7,800         | 720            | 20,000                                | 9.0           | 32      | 160          | < 0.047    | < 0.050  | < 0.059  | < 0.064  | < 0.052  |
| 56-23-5    | Carbon tetrachloride      | 5             | 0.3            | 410                                   | 0.90          | 0.07    | 0.33         | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 108-90-7   | Chlorobenzene             | 1,600         | 130            | 4,100                                 | 1.3           | 1       | 6.5          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 75-00-3    | Chloroethane              |               |                |                                       |               |         |              | < 0.0094   | < 0.010  | < 0.012  | < 0.013  | < 0.010  |
| 67-66-3    | Chloroform                | 100           | 0.3            | 2,000                                 | 0.76          | 0.6     | 2.9          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 74-87-3    | Chloromethane             |               |                |                                       |               |         |              | < 0.0094   | < 0.010  | < 0.012  | < 0.013  | < 0.010  |
| 124-48-1   | Dibromochloromethane      | 1,600         | 1,300          | 41,000                                | 1,300         | 0.4     | 0.4          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800         | 1,300          | 200,000                               | 130           | 23      | 110          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 107-06-2   | 1,2-Dichloroethane        | 7             | 0.4            | 1,400                                 | 0.99          | 0.02    | 0.1          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900         | 290            | 10,000                                | 3.0           | 0.06    | 0.3          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780           | 1,200          | 20,000                                | 1,200         | 0.4     | 1.1          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600         | 3,100          | 41,000                                | 3,100         | 0.7_    | 3.4          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 78-87-5    | 1,2-Dichloropropane       | 9             | 15             | 1,800                                 | 0.50          | 0.03    | 0.15         | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6             | 1.1            | 1,200                                 | 0.39          | 0.004   | 0.02         | · < 0.0019 | < 0.0020 | < 0.0024 | < 0.0026 | < 0.0021 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6             | 1.1            | 1,200                                 | 0.39          | 0.004   | 0.02         | < 0.0019   | < 0.0020 | < 0.0024 | < 0.0026 | < 0.0021 |
| 100-41-4   | Ethylbenzene              | 7,800         | 400            | 20,000                                | 58            | 13      | 19           | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 591-78-6   | 2-Hexanone                |               |                |                                       |               |         |              | < 0.019    | < 0.020  | < 0.024  | < 0.026  | < 0.021  |
| 108-10-1   | 4-Methyl-2-pentanone      |               |                |                                       |               |         |              | < 0.019    | < 0.020  | < 0.024  | < 0.026  | < 0.021  |
| 75-09-2    | Methylene chloride        | 85            | 13             | 12,000                                | 34            | 0.02    | 0.2          | < 0.0094   | < 0.010  | < 0.012  | < 0.013  | < 0.010  |
| 1634-04-4  | Methyl tert-butyl ether   | 780           | 8,800          | 2,000                                 | 140           | 0.32    | 0.32         | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 100-42-5   | Styrene                   | 16,000        | 1,500          | 41,000                                | 430           | 4       | 18           | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |               |                |                                       |               |         |              | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 127-18-4   | Tetrachloroethene         | 12            | 11             | 2,400                                 | 28            | 0.06    | 0.3          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 108-88-3   | Toluene                   | 16,000        | 650            | 410,000                               | 42            | 12      | 29           | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 71-55-6    | 1,1,1-Trichloroethane     |               | 1,200          |                                       | 1,200         | 2       | 9.6          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310           | 1,800          | 8,200                                 | 1,800         | 0.02    | 0.3          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 79-01-6    | Trichloroethene           | 58            | 5              | 1,200                                 | 12            | 0.06    | 0.3          | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 75-01-4    | Vinyl chloride            | 0.46          | 0.28           | 170                                   | 1.1           | 0.01    | 0.07         | < 0.0047   | < 0.0050 | < 0.0059 | < 0.0064 | < 0.0052 |
| 1330-20-7  | Xylenes, Total            | 16,000        | 320            | 41,000                                | 5.6           | 150     | 150          | < 0.014    | < 0.015  | < 0.018  | < 0.019  | < 0.016  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-016 19010622-017
Client Sample ID: A-33 A-34
Date Collected: 01/23/2019 09:45 01/23/2019 10:00

|            |                           | Residential F | Route Specific |           | on Worker<br>lic Values for |         | ponent of<br>er Ingestion |          |          |
|------------|---------------------------|---------------|----------------|-----------|-----------------------------|---------|---------------------------|----------|----------|
|            |                           |               | for Soil       | •         | oil                         |         | oute Values               |          |          |
| CAS No.    | Analyte                   | Ingestion     | Inhalation     | Ingestion | Inhalation                  | Class I | Class II                  |          |          |
| 67-64-1    | Acetone                   | 70,000        | 100,000        | *****     | 100,000                     | 25      | 25                        | < 0.069  | < 0.071  |
| 71-43-2    | Benzene                   | 12            | 0.8            | 2,300     | 2.2                         | 0.03    | 0.17                      | < 0.0046 | < 0.0047 |
| 75-27-4    | Bromodichloromethane      | 10            | 3,000          | 2,000     | 3,000                       | 0.6     | 0.6                       | < 0.0046 | < 0.0047 |
| 75-25-2    | Bromoform                 | 81            | 53             | 16,000    | 140                         | 0.8     | 0.8                       | < 0.0046 | < 0.0047 |
| 74-83-9    | Bromomethane              | 110           | 10             | 1,000     | 3.9                         | 0.2     | 1.2                       | < 0.0092 | < 0.0095 |
| 78-93-3    | 2-Butanone                |               |                |           |                             |         | _                         | < 0.069  | < 0.071  |
| 75-15-0    | Carbon disulfide          | 7,800         | 720            | 20,000    | 9.0                         | 32      | 160                       | < 0.046  | < 0.047  |
| 56-23-5    | Carbon tetrachloride      | 5             | 0.3            | 410       | 0.90                        | 0.07    | 0.33                      | < 0.0046 | < 0.0047 |
| 108-90-7   | Chlorobenzene             | 1,600         | 130            | 4,100     | 1.3                         | 1       | 6.5                       | < 0.0046 | < 0.0047 |
| 75-00-3    | Chloroethane              |               |                | -         |                             |         |                           | < 0.0092 | < 0.0095 |
| 67-66-3    | Chloroform                | 100           | 0.3            | 2,000     | 0.76                        | 0.6     | 2.9                       | < 0.0046 | < 0.0047 |
| 74-87-3    | Chloromethane             |               |                |           |                             |         |                           | < 0.0092 | < 0.0095 |
| 124-48-1   | Dibromochloromethane      | 1,600         | 1,300          | 41,000    | 1,300                       | 0.4     | 0.4                       | < 0.0046 | < 0.0047 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800         | 1,300          | 200,000   | 130                         | 23      | 110                       | < 0.0046 | < 0.0047 |
| 107-06-2   | 1,2-Dichloroethane        | 7             | 0.4            | 1,400     | 0.99                        | 0.02    | 0.1                       | < 0.0046 | < 0.0047 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900         | 290            | 10,000    | 3.0                         | 0.06    | 0.3                       | < 0.0046 | < 0.0047 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780           | 1,200          | 20,000    | 1,200                       | 0.4     | 1.1                       | < 0.0046 | < 0.0047 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600         | 3,100          | 41,000    | 3,100                       | 0.7     | 3.4                       | < 0.0046 | < 0.0047 |
| 78-87-5    | 1,2-Dichloropropane       | 9             | 15             | 1,800     | 0.50                        | 0.03    | 0.15                      | < 0.0046 | < 0.0047 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 6             | 1.1            | 1,200     | 0.39                        | 0.004   | 0.02                      | < 0.0018 | < 0.0019 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6             | 1.1            | 1,200     | 0.39                        | 0.004   | 0.02                      | < 0.0018 | < 0.0019 |
| 100-41-4   | Ethylbenzene              | 7,800         | 400            | 20,000    | 58                          | 13      | 19                        | < 0.0046 | < 0.0047 |
| 591-78-6   | 2-Hexanone                |               |                |           |                             |         |                           | < 0.018  | < 0.019  |
| 108-10-1   | 4-Methyl-2-pentanone      |               |                |           |                             |         |                           | < 0.018  | < 0.019  |
| 75-09-2    | Methylene chloride .      | 85            | 13             | 12,000    | 34                          | 0.02    | 0.2                       | < 0.0092 | < 0.0095 |
| 1634-04-4  | Methyl tert-butyl ether   | 780           | 8,800          | 2,000     | 140                         | 0.32    | 0.32                      | < 0.0046 | < 0.0047 |
| 100-42-5   | Styrene                   | 16,000        | 1,500          | 41,000    | 430                         | 4       | 18                        | < 0.0046 | < 0.0047 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |               |                |           |                             |         |                           | < 0.0046 | < 0.0047 |
| 127-18-4   | Tetrachloroethene         | 12            | 11             | 2,400     | 28                          | 0.06    | 0.3                       | < 0.0046 | < 0.0047 |
| 108-88-3   | Toluene                   | 16,000        | 650            | 410,000   | 42                          | 12      | 29                        | < 0.0046 | < 0.0047 |
| 71-55-6    | 1,1,1-Trichloroethane     |               | 1,200          |           | 1,200                       | 2       | 9.6                       | < 0.0046 | < 0.0047 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310           | 1,800          | 8,200     | 1,800                       | 0.02    | 0.3                       | < 0.0046 | < 0.0047 |
| 79-01-6    | Trichloroethene           | 58            | 5              | 1,200     | 12                          | 0.06    | 0.3                       | < 0.0046 | < 0.0047 |
| 75-01-4    | Vinyl chloride            | 0.46          | 0.28           | 170       | 1.1                         | 0.01    | 0.07                      | < 0.0046 | < 0.0047 |
| 1330-20-7  | Xylenes, Total            | 16,000        | 320            | 41,000    | 5.6                         | 150     | 150                       | < 0.014  | < 0.014  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004

Client Sample ID : A-18 A-19 A-20 A-21

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45

|          |                        |               |               | Constructi           | on Worker     | Soil Com   | ponent of    |         |         |         |         |
|----------|------------------------|---------------|---------------|----------------------|---------------|------------|--------------|---------|---------|---------|---------|
|          |                        | Residential R | oute Specific | Route Specif         | ic Values for | Groundwat  | er Ingestion |         |         |         |         |
|          |                        | Values        | for Soil      | Se                   | oil           | Exposure R | oute Values  |         |         |         |         |
| CAS No.  | Analyte                | Ingestion     | Inhalation    | Ingestion Inhalation |               | Class I    | Class II     |         |         | •       |         |
| 83-32-9  | Acenaphthene           | 4,700         |               | 120,000              |               | 570        | 2,900        | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 208-96-8 | Acenaphthylene         |               |               |                      |               |            |              | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 120-12-7 | Anthracene             | 23,000        |               | 610,000              |               | 12,000     | 59,000       | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 56-55-3  | Benz(a)anthracene      | 0.9           | -             | 170                  |               | 2          | 8            | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 50-32-8  | Benzo(a)pyrene         | 0.09          |               | 17                   |               | 8          | 82           | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
|          | Benzo(b)fluoranthene   | 0.9           |               | 170                  |               | 5          | 25           | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
|          | Benzo(g,h,i)perylene   |               |               |                      |               |            |              | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 207-08-9 | Benzo(k)fluoranthene   | 9             |               | 1,700                |               | 49         | 250          | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 218-01-9 | Chrysene               | 88            |               | 17,000               |               | 160        | 800          | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09          | ***           | 17                   |               | 2          | 7.6          | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 206-44-0 | Fluoranthene           | 3,100         |               | 82,000               | -             | 4,300      | 21,000       | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 86-73-7  | Fluorene               | 3,100         |               | 82,000               |               | 560        | 2,800        | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9           |               | 170                  |               | 14         | 69           | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 91-20-3  | Naphthalene            | 1,600         | 170           | 4,100                | 1.8           | 12         | 18           | 0.41    | < 0.043 | < 0.043 | < 0.041 |
| 85-01-8  | Phenanthrene           |               |               |                      |               |            |              | < 0.039 | < 0.043 | < 0.043 | < 0.041 |
| 129-00-0 | Pyrene                 | 2,300         |               | 61,000               |               | 4,200      | 21,000       | < 0.039 | < 0.043 | < 0.043 | < 0.041 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-005 19010622-006 19010622-007 19010622-008

Client Sample ID: A-22 A-23 A-24 A-25

Date Collected: 01/23/2019 07:00 01/23/2019 07:15 01/23/2019 07:30 01/23/2019 07:45

|          |                        | Residential Route Specific<br>Values for Soil |            | Construction Worker Route Specific Values for Soil |     | Soil Component of<br>Groundwater Ingestion<br>Exposure Route Values |        |         |         |          |         |
|----------|------------------------|---|------------|--|-----|---|--------|---------|---------|----------|---------|
| CAS No.  | Analyte                | Ingestion                                     | Inhalation |  |     | Class I Class II  |        |         |         |          |         |
|          | Acenaphthene           | 4,700   |            | 120,000  |     | 570   | 2,900  | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
|          | Acenaphthylene         |   |            | , , , , , ,  |     |   | _,     | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 120-12-7 | Anthracene             | 23,000  |            | 610,000  |     | 12,000  | 59,000 | < 0.041 | < 0.043 | .< 0.040 | < 0.037 |
| 56-55-3  | Benz(a)anthracene      | 0.9   |            | 170  |     | 2   | 8      | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 50-32-8  | Benzo(a)pyrene         | 0.09  |            | 17   |     | 8   | 82     | < 0.041 | < 0.043 | <.0.040  | < 0.037 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9   |            | 170  |     | 5   | 25     | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 191-24-2 | Benzo(g,h,i)perylene   |   |            |  |     |   |        | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 207-08-9 | Benzo(k)fluoranthene   | 9   |            | 1,700  |     | 49  | 250    | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 218-01-9 | Chrysene               | 88  |            | 17,000   |     | 160   | 800    | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09  |            | 17   |     | 2   | 7.6    | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 206-44-0 | Fluoranthene           | 3,100   |            | 82,000   | -   | 4,300   | 21,000 | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 86-73-7  | Fluorene               | 3,100   | ***        | 82,000   | -   | 560   | 2,800  | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9   | ***        | 170  | _   | 14  | 69     | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 91-20-3  | Naphthalene            | 1,600   | 170        | 4,100  | 1.8 | 12  | 18     | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 85-01-8  | Phenanthrene           |   |            |  |     |   |        | < 0.041 | < 0.043 | < 0.040  | < 0.037 |
| 129-00-0 | Pyrene                 | 2,300   |            | 61,000   |     | 4,200   | 21,000 | < 0.041 | < 0.043 | < 0.040  | < 0.037 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-009 19010622-010 19010622-011 19010622-012

Client Sample ID : A-26 A-27 A-28 A-29

Date Collected: 01/23/2019 08:00 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45

|          |                        |               |                | Construction Worker |               | Soil Component of     |              |         |         |         |         |
|----------|------------------------|---------------|----------------|---------------------|---------------|-----------------------|--------------|---------|---------|---------|---------|
|          |                        | Residential R | loute Specific | Route Specif        | ic Values for | Groundwat             | er Ingestion |         |         |         |         |
|          |                        | Values        | for Soil       | Se                  | oil           | Exposure Route Values |              |         |         |         |         |
| CAS No.  | Analyte                | Ingestion     | Inhalation     | Ingestion           | Inhalation    | Class I               | Class II     |         |         |         |         |
| 83-32-9  | Acenaphthene           | 4,700         | •••            | 120,000             |               | 570                   | 2,900        | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 208-96-8 | Acenaphthylene         |               |                |                     |               |                       |              | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 120-12-7 | Anthracene             | 23,000        | •              | 610,000             |               | 12,000                | 59,000       | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 56-55-3  | Benz(a)anthracene      | 0.9           |                | 170                 |               | . 2                   | 8            | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 50-32-8  | Benzo(a)pyrene         | 0.09          |                | 17                  |               | 8                     | 82           | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9           | ***            | 170                 |               | 5                     | 25           | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 191-24-2 | Benzo(g,h,i)perylene   |               |                |                     |               |                       |              | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 207-08-9 | Benzo(k)fluoranthene   | 9             | •              | 1,700               |               | 49                    | 250          | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 218-01-9 | Chrysene               | 88            |                | 17,000              |               | 160                   | 800          | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09          |                | 17                  | ***           | 2                     | 7.6          | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 206-44-0 | Fluoranthene           | 3,100         | •••            | 82,000              | -             | 4,300                 | 21,000       | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 86-73-7  | Fluorene               | 3,100         |                | 82,000              |               | 560                   | 2,800        | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9           | ***            | 170                 |               | 14                    | 69           | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 91-20-3  | Naphthalene            | 1,600         | 170            | 4,100               | 1.8           | 12                    | 18           | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 85-01-8  | Phenanthrene           |               |                |                     |               |                       |              | < 0.040 | < 0.039 | < 0.038 | < 0.040 |
| 129-00-0 | Pyrene                 | 2,300         |                | 61,000              |               | 4,200                 | 21,000       | < 0.040 | < 0.039 | < 0.038 | < 0.040 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013 19010622-014 19010622-015 19010622-016

Client Sample ID: A-30 A-31 A-32 A-33
Date Collected: 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30 01/23/2019 09:45

|          |                        | Values for Soil |            |           |            | Soil Component of Groundwater Ingestion Exposure Route Values |          |         |         |         |         |
|----------|------------------------|-----------------|------------|-----------|------------|---|----------|---------|---------|---------|---------|
| CAS No.  | Analyte                | Ingestion       | Inhalation | Ingestion | Inhalation | Class I   | Class II |         |         |         |         |
| 83-32-9  | Acenaphthene           | 4,700           |            | 120,000   |            | 570   | 2,900    | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 208-96-8 | Acenaphthylene         |                 |            |           |            |   |          | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 120-12-7 | Anthracene             | 23,000          |            | 610,000   |            | 12,000  | 59,000   | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 56-55-3  | Benz(a)anthracene      | 0.9             |            | 170       |            | 2   | 8        | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 50-32-8  | Benzo(a)pyrene         | 0.09            |            | 17        |            | 8   | 82       | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9             | •••        | 170       |            | 5   | 25       | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 191-24-2 | Benzo(g,h,i)perylene   |                 |            |           |            |   |          | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 207-08-9 | Benzo(k)fluoranthene   | 9               |            | 1,700     |            | 49  | 250      | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 218-01-9 | Chrysene               | 88              |            | 17,000    |            | 160   | 800      | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09            |            | 17        |            | 2   | 7.6      | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 206-44-0 | Fluoranthene           | 3,100           | _          | 82,000    |            | 4,300   | 21,000   | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 86-73-7  | Fluorene               | 3,100           |            | 82,000    |            | 560   | 2,800    | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9             |            | 170       |            | 14  | 69       | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 91-20-3  | Naphthalene            | 1,600           | 170        | 4,100     | 1.8        | 12  | 18       | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 85-01-8  | Phenanthrene           |                 |            |           |            |   |          | < 0.041 | < 0.040 | < 0.040 | < 0.040 |
| 129-00-0 | Pyrene                 | 2,300           |            | 61,000    |            | 4,200   | 21,000   | < 0.041 | < 0.040 | < 0.040 | < 0.040 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-017

Client Sample ID: A-34

Date Collected: 01/23/2019 10:00

|          |                        | Residential F | toute Specific |           | on Worker<br>fic Values for |            | ponent of<br>er Ingestion |         |
|----------|------------------------|---------------|----------------|-----------|-----------------------------|------------|---------------------------|---------|
|          |                        | Values        | for Soil       | Se        | oil                         | Exposure R | oute Values               |         |
| CAS No.  | Analyte                | Ingestion     | Inbalation     | Ingestion | Inhalation                  | Class I    | Class II                  |         |
| 83-32-9  | Acenaphthene           | 4,700         |                | 120,000   |                             | 570        | 2,900                     | < 0.040 |
| 208-96-8 | Acenaphthylene         |               |                |           |                             |            |                           | < 0.040 |
| 120-12-7 | Anthracene             | 23,000        |                | 610,000   | ***                         | 12,000     | 59,000                    | < 0.040 |
| 56-55-3  | Benz(a)anthracene      | 0.9           |                | 170       | •••                         | 2          | 8                         | < 0.040 |
| 50-32-8  | Benzo(a)pyrene         | 0.09          | •••            | 17        |                             | 8          | 82                        | < 0.040 |
| 205-99-2 | Benzo(b)fluoranthene   | 0.9           | ***            | 170       |                             | 5          | 25                        | < 0.040 |
| 191-24-2 | Benzo(g,h,i)perylene   |               |                | -         |                             |            |                           | < 0.040 |
| 207-08-9 | Benzo(k)fluoranthene   | 9             | ***            | 1,700     |                             | 49         | 250                       | < 0.040 |
| 218-01-9 | Chrysene               | 88            |                | 17,000    |                             | 160        | 800                       | < 0.040 |
| 53-70-3  | Dibenz(a,h)anthracene  | 0.09          |                | 17        | _                           | 2          | 7.6                       | < 0.040 |
| 206-44-0 | Fluoranthene           | 3,100         | ***            | 82,000    |                             | 4,300      | 21,000                    | < 0.040 |
| 86-73-7  | Fluorene               | 3,100         | _              | 82,000    |                             | 560        | 2,800                     | < 0.040 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.9           |                | 170       |                             | 14         | 69                        | < 0.040 |
| 91-20-3  | Naphthalene            | 1,600         | 170            | 4,100     | 1.8                         | 12         | 18                        | < 0.040 |
| 85-01-8  | Phenanthrene           |               |                |           | ĺ                           |            |                           | < 0.040 |
| 129-00-0 | Pyrene                 | 2,300         |                | 61,000    |                             | 4,200      | 21,000                    | < 0.040 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID : 19010622-001 19010622-002 Client Sample ID : A-18 A-19 Date Collected : 01/23/2019 06:00 01/23/2019 06:15

|           |                               |           | Construction Worker Route Specific Route Specific Values fo |                                       |                    | Groundwat   | ponent of<br>er Ingestion |         |         |
|-----------|-------------------------------|-----------|---|---------------------------------------|--------------------|-------------|---------------------------|---------|---------|
|           |                               | Z Values  |   | : : : : : : : : : : : : : : : : : : : | oil and the second | Exposure R  | oute Values               |         |         |
| CAS No.   | Analyte                       | Ingestion | Inhalation  | Ingestion #                           | .Inhalation !      | ∜ Class I 🚧 |                           |         |         |
| 120-82-1  | 1,2,4-Trichlorobenzene        | 780       | 3,200   | 2,000                                 | 920                | 5 ,         | 53                        | < 0.20  | < 0.22  |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000     | 560   | 18,000                                | 310                | 17          | 43                        | < 0.20  | < 0.22  |
| 541-73-1  | 1,3-Dichlorobenzene           |           |   |                                       |                    |             | ~                         | < 0.20  | < 0.22  |
| 106-46-7  | 1,4-Dichlorobenzene           |           | 11,000  | •••                                   | 340                | 2           | 11                        | < 0.20  | < 0.22  |
| 108-60-1  | 2, 2'-oxybis(1-Chloropropane) |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | 2,4,5-Trichlorophenol         | 7,800     |   | 200,000                               |                    | 270         | 1,400                     | < 0.20  | < 0.22  |
| 88-06-2   | 2,4,6-Trichlorophenol         | 58        | 200   | 11,000                                | 540                | 0.2         | 0.77                      | < 0.20  | < 0.22  |
| 120-83-2  | 2,4-Dichlorophenol            | 230       |   | 610                                   |                    | 1           | 1                         | < 0.20  | < 0.22  |
| 105-67-9  | 2,4-Dimethylphenol            | 1,600     |   | 41,000                                |                    | 9           | 9                         | < 0.20  | < 0.22  |
| 51-28-5   | 2,4-Dinitrophenol             | 160       |   | 410                                   |                    | 0.2         | 0.2                       | < 0.99  | < 1.1   |
| 121-14-2  | 2,4-Dinitrotoluene            | 0.9       |   | 180                                   | •••                | 0.0008      | 0.0008                    | < 0.039 | < 0.043 |
| 606-20-2  | 2,6-Dinitrotoluene            | 0.9       | Y   | 180                                   | •••                | 0.0007      | 0.0007                    | < 0.039 | < 0.043 |
| 91-58-7   | 2-Chloronaphthalene           |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 95-57-8   | 2-Chlorophenol                | 390       | 53,000  | 10,000                                | 53,000             | 4           | 4                         | < 0.20  | < 0.22  |
| 91-57-6   | 2-Methylnaphthalene           |           |   |                                       |                    |             |                           | 0.29    | < 0.22  |
| 95-48-7   | 2-Methylphenol                | 3,900     |   | 100,000                               | •••                | 15          | 15                        | < 0.20  | < 0.22  |
| 88-74-4   | 2-Nitroaniline                |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 88-75-5   | 2-Nitrophenol                 |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1         |   | 280                                   |                    | 0.007       | 0.033                     | < 0.20  | < 0.22  |
| 99-09-2   | 3-Nitroaniline                |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    |           |   |                                       |                    |             |                           | < 0.39  | < 0.43  |
| 101-55-3  | 4-Bromophenyl phenyl ether    |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 59-50-7   | 4-Chloro-3-methylphenol       |           |   |                                       |                    |             |                           | < 0.39  | < 0.43  |
| 106-47-8  | 4-Chloroaniline               | 310       |   | 820                                   | •••                | 0.7         | 0.7                       | < 0.20  | < 0.22  |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |           | Ì   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 106-44-5  | 4-Methylphenol                |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | 4-Nitroaniline                |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 100-02-7  | 4-Nitrophenol                 |           |   |                                       |                    |             |                           | < 0.39  | < 0.43  |
| 62-53-3   | Aniline                       |           |   |                                       |                    |             |                           | < 0.40  | < 0.43  |
| 92-87-5   | Benzidine                     |           |   |                                       |                    |             |                           | < 0.39  | < 0.43  |
| 65-85-0   | Benzoic acid                  | 310,000   |   | 820,000                               | •••                | 400         | 400                       | < 0.99  | < 1.1   |
| 100-51-6  | Benzyl alcohol                |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
| 111-91-1  | Bis(2-chloroethoxy)methane    |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | Bis(2-chloroethyl)ether       | 0.6       | 0.2   | 75                                    | 0.66               | 0.0004      | 0.0004                    | < 0.20  | < 0.22  |
| 117-81-7  | Bis(2-ethylhexyl)phthalate    | 46        | 31,000  | 4,100                                 | 31,000             | 3,600       | 31,000                    | < 0.99  | < 1.1   |
| 85-68-7   | Butyl benzyl phthalate        | 16,000    | 930   | 410,000                               | 930                | 930         | 930                       | < 0.20  | < 0.22  |
| 86-74-8   | Carbazole                     | 32        | •••   | 6,200                                 | •••                | 0.6         | 2.8                       | < 0.20  | < 0.22  |
|           | Di-n-butyl phthalate          | 7,800     | 2,300   | 200,000                               | 2,300_             | 2,300       | 2,300                     | < 0.20  | < 0.22  |
|           | Di-n-octyl phthalate          | 1,600     | 10,000  | 4,100                                 | 10,000             | 10,000      | 10,000                    | < 0.20  | < 0.22  |
|           | Dibenzofuran                  |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | Diethyl phthalate             | 63,000    | 2,000   | 1,000,000                             | 2,000              | 470         | 470                       | < 0.20  | < 0.22  |
|           | Dimethyl phthalate            |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | Hexachlorobenzene             | 0.4       | 1   | 78                                    | 2.6                | 2           | 11                        | < 0.20  | < 0.22  |
|           | Hexachlorobutadiene           |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | Hexachlorocyclopentadiene     | 550       | 10  | 14,000                                | 1.1                | 400         | 2,200                     | < 0.20  | < 0.22  |
|           | Hexachloroethane              | 78        | ***   | 2,000                                 |                    | 0.5         | 2.6                       | < 0.20  | < 0.22  |
| 78-59-1   | Isophorone                    | 15,600    | 4,600   | 410,000                               | 4,600              | 8           | 8                         | < 0.20  | < 0.22  |
|           | N-Nitrosodi-n-propylamine     | 0.09      | ***   | 18                                    | •••                | 0.00005     | 0.00005                   | < 0.039 | < 0.043 |
|           | N-Nitrosodimethylamine        |           |   |                                       |                    |             |                           | < 0.20  | < 0.22  |
|           | N-Nitrosodiphenylamine        | 130       |   | 25,000                                | •••                | 1           | 5.6                       | < 0.20  | < 0.22  |
|           | Nitrobenzene                  | 39        | 92  | 1,000                                 | 9.4                | 0.1         | 0.1                       | < 0.039 | < 0.043 |
|           | Pentachlorophenol             | 3         | ***   | 520                                   |                    | 0.03        | 0.14                      | < 0.080 | < 0.086 |
| 108-95-2  |                               | 23,000    |   | 61,000                                | •••                | 100         | 100                       | < 0.20  | < 0.22  |
| 110-86-1  | Pyridine                      |           |   |                                       |                    |             |                           | < 0.80  | < 0.86  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-003 19010622-004 Client Sample ID: A-20 A-21

Date Collected: 01/23/2019 06:30 01/23/2019 06:45

|           |                                | <del></del>      |                     | C               | Wester     | Soil Com   |          |         |                    |
|-----------|--------------------------------|------------------|---------------------|-----------------|------------|------------|----------|---------|--------------------|
|           |                                | Desidential B    | auta Smaaifia       | Route Specif    | on Worker  | Groundwat  |          |         |                    |
|           |                                | 1                | loute Specific      | •               |            | Exposure R |          |         |                    |
| CACNI     | A malada                       |                  | for Soil            | So<br>Ingestion | Inhalation | Class I    | Class II |         |                    |
| CAS No.   | Analyte 1.2.4-Trichlorobenzene | Ingestion<br>780 | Inhalation<br>3,200 | 2,000           | 920        | 5          | 53       | < 0.22  | < 0.21             |
|           |                                |                  |                     | 18,000          | 310        | 17         | 43       | < 0.22  | < 0.21             |
| 95-50-1   | 1,2-Dichlorobenzene            | 7,000            | 560                 | 18,000          | 310        | 17         | 43       | < 0.22  | < 0.21             |
|           | 1,3-Dichlorobenzene            |                  | 11.000              |                 | 240        | 2          | . 11     | < 0.22  | < 0.21             |
|           | 1,4-Dichlorobenzene            |                  | 11,000              |                 | 340        |            | • 11     | < 0.22  | < 0.21             |
|           | 2, 2'-oxybis(1-Chloropropane)  | 7.000            |                     | 200,000         |            | 220        | 1.400    | < 0.22  | < 0.21             |
|           | 2,4,5-Trichlorophenol          | 7,800            |                     | 200,000         | 540        | 270        | 1,400    | < 0.22  | < 0.21             |
|           | 2,4,6-Trichlorophenol          | 58               | 200                 | 11,000          | 540        | 0.2        | 0.77     |         | < 0.21             |
|           | 2,4-Dichlorophenol             | 230              |                     | 610             |            | 1          | 1        | < 0.22  |                    |
|           | 2,4-Dimethylphenol             | 1,600            |                     | 41,000          |            | 9          | 0.2      | < 0.22  | < 0.21             |
|           | 2,4-Dinitrophenol              | 160              |                     | 410             |            | 0.2        |          | < 1.1   |                    |
|           | 2,4-Dinitrotoluene             | 0.9              |                     | 180             | •••        | 0.0008     | 0.0008   | < 0.043 | < 0.041<br>< 0.041 |
|           | 2,6-Dinitrotoluene             | 0.9              |                     | 180             |            | 0.0007     | 0.0007   | < 0.043 |                    |
|           | 2-Chloronaphthalene            |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | 2-Chlorophenol                 | 390              | 53,000              | 10,000          | 53,000     | 4          | 4        | < 0.22  | < 0.21             |
|           | 2-Methylnaphthalene            |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | 2-Methylphenol                 | 3,900            |                     | 100,000         |            | 15         | 15       | < 0.22  | < 0.21             |
|           | 2-Nitroaniline                 |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | 2-Nitrophenol                  |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | 3,3'-Dichlorobenzidine         | 1                |                     | 280             |            | 0.007      | 0.033    | < 0.22  | < 0.21             |
| 99-09-2   | 3-Nitroaniline                 |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | 4,6-Dinitro-2-methylphenol     |                  |                     |                 |            |            |          | < 0.43  | < 0.41             |
|           | 4-Bromophenyl phenyl ether     |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | 4-Chloro-3-methylphenol        |                  |                     |                 |            |            |          | < 0.43  | < 0.41             |
| 106-47-8  | 4-Chloroaniline                | 310              | •••                 | 820             | •••        | 0.7        | 0,7      | < 0.22  | < 0.21             |
| 7005-72-3 | 4-Chlorophenyl phenyl ether    |                  |                     |                 |            |            | ·        | < 0.22  | < 0.21             |
| 106-44-5  | 4-Methylphenol                 |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
| 100-01-6  | 4-Nitroaniline                 |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
| 100-02-7  | 4-Nitrophenol                  |                  |                     | _               |            |            |          | < 0.43  | < 0.41             |
| 62-53-3   | Aniline                        |                  |                     |                 |            |            |          | < 0.43  | < 0.42             |
| 92-87-5   | Benzidine                      |                  |                     | ·               |            |            |          | < 0.43  | < 0.41             |
| 65-85-0   | Benzoic acid                   | 310,000          | •                   | 820,000         |            | 400        | 400      | < 1.1   | < 1.0              |
| 100-51-6  | Benzyl alcohol                 |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
| 111-91-1  | Bis(2-chloroethoxy)methane     |                  | _                   |                 |            |            |          | < 0.22  | < 0.21             |
| 111-44-4  | Bis(2-chloroethyl)ether        | 0.6              | 0.2                 | 75              | 0.66       | 0.0004     | 0.0004   | < 0.22  | < 0.21             |
| 117-81-7  | Bis(2-ethylhexyl)phthalate     | 46               | 31,000              | 4,100           | 31,000     | 3,600      | 31,000   | < 1.1   | < 1.0              |
| 85-68-7   | Butyl benzyl phthalate         | 16,000           | 930                 | 410,000         | 930        | 930        | 930      | < 0.22  | < 0.21             |
| 86-74-8   | Carbazole                      | 32               |                     | 6,200           |            | 0.6        | 2.8      | < 0.22  | < 0.21             |
|           | Di-n-butyl phthalate           | 7,800            | 2,300               | 200,000         | 2,300      | 2,300      | 2,300    | < 0.22  | < 0.21             |
|           | Di-n-octyl phthalate           | 1,600            | 10,000              | 4,100           | 10,000     | 10,000     | 10,000   | < 0.22  | < 0.21             |
|           | Dibenzofuran                   |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
|           | Diethyl phthalate              | 63,000           | 2,000               | 1,000,000       | 2,000      | 470        | 470      | < 0.22  | < 0.21             |
|           | Dimethyl phthalate             |                  | ,                   |                 |            |            |          | < 0.22  | < 0.21             |
|           | Hexachlorobenzene              | 0.4              | 1                   | 78              | 2.6        | 2          | 11       | < 0.22  | < 0.21             |
| 87-68-3   | Hexachlorobutadiene            |                  |                     |                 |            |            |          | < 0.22  | < 0.21             |
| 77-47-4   | Hexachlorocyclopentadiene      | 550              | 10                  | 14,000          | 1.1        | 400        | 2,200    | < 0.22  | < 0.21             |
|           | Hexachloroethane               | 78               |                     | 2,000           |            | 0.5        | 2.6      | < 0.22  | < 0.21             |
|           | Isophorone                     | 15,600           | 4,600               | 410,000         | 4,600      | 8          | 8        | < 0.22  | < 0.21             |
|           | N-Nitrosodi-n-propylamine      | 0.09             |                     | 18              |            | 0.00005    | 0.00005  | < 0.043 | < 0.041            |
|           | N-Nitrosodimethylamine         | 0.07             |                     |                 |            | - 0.0000   | 5.5,5000 | < 0.22  | < 0.21             |
|           | N-Nitrosodiphenylamine         | 130              | •••                 | 25,000          |            | 1          | 5.6      | < 0.22  | < 0.21             |
| 98-95-3   | Nitrobenzene                   | 39               | 92                  | 1,000           | 9.4        | 0.1        | 0.1      | < 0.043 | < 0.041            |
|           | Pentachiorophenol              | 3                |                     | 520             |            | 0.03       | 0.14     | < 0.087 | < 0.084            |
| 108-95-2  |                                | 23,000           |                     | 61,000          |            | 100        | 100      | < 0.22  | < 0.21             |
| 110-86-1  |                                | 23,000           |                     | 01,000          |            | 100        | 100      | < 0.87  | < 0.84             |
| 110-90-1  | јг униш <del>с</del>           | L                |                     |                 |            |            |          | - 0.07  | - 0.04             |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-005 19010622-006 Client Sample ID: A-22 A-23

|                    |                               |                     |   |           | on Worker     |         | ponent of                   |                  |                  |
|--------------------|-------------------------------|---------------------|---|-----------|---------------|---------|-----------------------------|------------------|------------------|
|                    |                               | Residential R       | -                                       | •         | ic Values for |         | er Ingestion<br>oute Values |                  |                  |
| CAS No.            | Analyte                       | Values<br>Ingestion | Inhalation                              | Ingestion | Inhalation    | Class I | Class II                    |                  |                  |
|                    | 1,2,4-Trichlorobenzene        | 780                 | 3,200                                   | 2,000     | 920           | 5       | 53                          | < 0.21           | < 0.22           |
| 95-50-1            | 1.2-Dichlorobenzene           | 7,000               | 560                                     | 18,000    | 310           | 17      | 43                          | < 0.21           | < 0.22           |
| 541-73-1           | 1.3-Dichlorobenzene           | 7,000               |   | 10,000    |               |         |                             | < 0.21           | < 0.22           |
| 106-46-7           | 1,4-Dichlorobenzene           |                     | 11,000                                  |           | 340           | 2       | 11                          | < 0.21           | < 0.22           |
|                    | 2, 2'-oxybis(1-Chloropropane) |                     | , |           |               |         |                             | < 0.21           | < 0.22           |
|                    | 2,4,5-Trichlorophenol         | 7,800               |   | 200,000   |               | 270     | 1,400                       | < 0.21           | < 0.22           |
|                    | 2,4,6-Trichlorophenol         | 58                  | 200                                     | 11,000    | 540           | 0.2     | 0.77                        | < 0.21           | < 0.22           |
|                    | 2,4-Dichlorophenol            | 230                 |   | 610       |               | 1       | 1                           | < 0.21           | < 0.22           |
| 105-67-9           | 2,4-Dimethylphenol            | 1,600               |   | 41,000    |               | 9       | 9                           | < 0.21           | < 0.22           |
| 51-28-5            | 2,4-Dinitrophenol             | 160                 |   | 410       | •••           | 0.2     | 0.2                         | < 1.0            | < 1.1            |
| 121-14-2           | 2,4-Dinitrotoluene            | 0.9                 |   | 180       |               | 0.0008  | 0.0008                      | < 0.041          | < 0.043          |
| 606-20-2           | 2,6-Dinitrotoluene            | 0.9                 |   | 180       |               | 0.0007  | 0.0007                      | < 0.041          | < 0.043          |
| 91-58-7            | 2-Chloronaphthalene           |                     |   |           |               |         | _                           | < 0.21           | < 0.22           |
| 95-57-8            | 2-Chlorophenol                | 390                 | 53,000                                  | 10,000    | 53,000        | 4       | 4                           | < 0.21           | < 0.22           |
| 91-57-6            | 2-Methylnaphthalene           |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
| 95-48-7            | 2-Methylphenol                | 3,900               |   | 100,000   |               | 15      | 15                          | < 0.21           | < 0.22           |
| 88-74-4            | 2-Nitroaniline                |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
| 88-75-5            | 2-Nitrophenol                 |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
| 91-94-1            | 3,3'-Dichlorobenzidine        | 1                   | •••                                     | 280       |               | 0.007   | 0.033                       | < 0.21           | < 0.22           |
| 99-09-2            | 3-Nitroaniline                |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
|                    | 4,6-Dinitro-2-methylphenol    |                     |   |           |               |         |                             | < 0.41           | < 0.43           |
|                    | 4-Bromophenyl phenyl ether    |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
|                    | 4-Chloro-3-methylphenol       | 2.70                |   |           |               | 2       |                             | < 0.41           | < 0.43           |
|                    | 4-Chloroaniline               | 310                 |   | 820       |               | 0.7     | 0.7                         | < 0.21           | < 0.22           |
|                    | 4-Chlorophenyl phenyl ether   |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
|                    | 4-Methylphenol                |                     |   |           |               |         |                             | < 0.21<br>< 0.21 | < 0.22<br>< 0.22 |
|                    | 4-Nitroaniline                |                     |   |           |               |         |                             | < 0.41           | < 0.43           |
|                    | 4-Nitrophenol                 |                     |   |           |               |         |                             | < 0.41           | < 0.43           |
| 62-53-3            | Aniline                       |                     |   |           |               |         |                             | < 0.42           | < 0.43           |
| 92-87-5<br>65-85-0 | Benzidine Benzoic acid        | 310,000             |   | 820,000   |               | 400     | 400                         | < 1.0            | < 1.1            |
|                    | Benzyl alcohol                | 310,000             |   | 820,000   |               | 400     | 400                         | < 0.21           | < 0.22           |
|                    | Bis(2-chloroethoxy)methane    |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
|                    | Bis(2-chloroethyl)ether       | 0.6                 | 0.2                                     | 75        | 0.66          | 0.0004  | 0.0004                      | < 0.21           | < 0.22           |
|                    | Bis(2-ethylhexyl)phthalate    | 46                  | 31,000                                  | 4,100     | 31,000        | 3,600   | 31,000                      | < 1.0            | < 1.1            |
| 85-68-7            | Butyl benzyl phthalate        | 16,000              | 930                                     | 410,000   | 930           | 930     | 930                         | < 0.21           | < 0.22           |
| 86-74-8            | Carbazole                     | 32                  |   | 6,200     |               | 0.6     | 2.8                         | < 0.21           | < 0.22           |
| 84-74-2            | Di-n-butyl phthalate          | 7,800               | 2,300                                   | 200.000   | 2,300         | 2,300   | 2,300                       | < 0.21           | < 0.22           |
|                    | Di-n-octyl phthalate          | 1,600               | 10,000                                  | 4,100     | 10,000        | 10,000  | 10,000                      | < 0.21           | < 0.22           |
|                    | Dibenzofuran                  | 1,000               | 10,000                                  | 1,200     | 10,000        |         |                             | < 0.21           | < 0.22           |
| 84-66-2            | Diethyl phthalate             | 63,000              | 2,000                                   | 1,000,000 | 2,000         | 470     | 470                         | < 0.21           | < 0.22           |
|                    | Dimethyl phthalate            | ,                   | _,,,,,,                                 | -,,       | _,,,,,,       |         |                             | < 0.21           | < 0.22           |
|                    | Hexachlorobenzene             | 0.4                 | 1                                       | 78        | 2.6           | 2       | 11                          | < 0.21           | < 0.22           |
| 87-68-3            | Hexachlorobutadiene           |                     |   | -         |               |         |                             | < 0.21           | < 0.22           |
| 77-47-4            | Hexachlorocyclopentadiene     | 550                 | 10                                      | 14,000    | 1.1           | 400     | 2,200                       | < 0.21           | < 0.22           |
| 67-72-1            | Hexachloroethane              | 78                  |   | 2,000     | •••           | 0.5     | 2.6                         | < 0.21           | < 0.22           |
| 78-59-1            | Isophorone                    | 15,600              | 4,600                                   | 410,000   | 4,600         | 8       | 8                           | < 0.21           | < 0.22           |
|                    | N-Nitrosodi-n-propylamine     | 0.09                |   | 18        |               | 0.00005 | 0.00005                     | < 0.041          | < 0.043          |
| 62-75-9            | N-Nitrosodimethylamine        |                     |   |           |               |         |                             | < 0.21           | < 0.22           |
| 86-30-6            | N-Nitrosodiphenylamine        | 130                 | •••                                     | 25,000    | •••           | 1       | 5.6                         | < 0.21           | < 0.22           |
| 98-95-3            | Nitrobenzene                  | 39                  | 92                                      | 1,000     | 9.4           | 0.1     | 0.1                         | < 0.041          | < 0.043          |
| 87-86-5            | Pentachlorophenol             | 3                   |   | 520       |               | 0.03    | 0.14                        | < 0.084          | < 0.087          |
| 108-95-2           | Phenol                        | 23,000              |   | 61,000    |               | 100     | 100                         | < 0.21           | < 0.22           |
| 110-86-1           | Pyridine                      |                     |   |           |               |         |                             | < 0.84           | < 0.87           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-007 19010622-008 Client Sample ID: A-24 A-25

Date Collected: 01/23/2019 07:30 01/23/2019 07:45

|          |  |               |                | Constructi | on Worker     | Soil Com         | ponent of    |                   | •                 |
|----------|--|---------------|----------------|------------|---------------|------------------|--------------|-------------------|-------------------|
|          |  | Residential B | loute Specific |            | ic Values for |                  | er Ingestion |                   |                   |
|          |  |               | for Soil       |            | oil           |                  | oute Values  |                   |                   |
| CAS No.  | Analyte                                | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I          | Class II     |                   |                   |
|          | 1,2,4-Trichlorobenzene                 | 780           | 3,200          | 2,000      | 920           | 5                | 53           | < 0.21            | < 0.19            |
| 95-50-1  | 1,2-Dichlorobenzene                    | 7,000         | 560            | 18,000     | 310           | 17               | 43           | < 0.21            | < 0.19            |
| 541-73-1 | 1,3-Dichlorobenzene                    |               |                |            | ·             |                  |              | < 0.21            | < 0.19            |
|          | 1,4-Dichlorobenzene                    |               | 11,000         | •••        | 340           | 2                | 11           | < 0.21            | < 0.19            |
| 108-60-1 | 2, 2'-oxybis(1-Chloropropane)          |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | 2,4,5-Trichlorophenol                  | 7,800         |                | 200,000    |               | 270              | 1,400        | < 0.21            | < 0.19            |
|          | 2,4,6-Trichlorophenol                  | 58            | 200            | 11,000     | 540           | 0.2              | 0.77         | < 0.21            | < 0.19            |
|          | 2,4-Dichlorophenol                     | 230           | •••            | 610        |               | 1                | 1            | < 0.21            | < 0.19            |
|          | 2,4-Dimethylphenol                     | 1,600         |                | 41,000     |               | 9                | 9            | < 0.21            | < 0.19            |
|          | 2,4-Dinitrophenol                      | 160           | •••            | 410        |               | 0.2              | 0.2          | < 1.0<br>< 0.040  | < 0.92<br>< 0.037 |
|          | 2,4-Dinitrotoluene 2,6-Dinitrotoluene  | 0.9           |                | 180<br>180 | •••           | 0.0008<br>0.0007 | 0.0008       | < 0.040           | < 0.037           |
|          | 2-Chloronaphthalene                    | 0.9           | •••            | 160        |               | 0.0007           | 0.0007       | < 0.040           | < 0.19            |
|          | 2-Chlorophenol                         | 390           | 53,000         | 10,000     | 53,000        | 4                | 4            | < 0.21            | < 0.19            |
|          | 2-Methylnaphthalene                    | 370           | 33,000         | 10,000     | 33,000        |                  | -            | < 0.21            | < 0.19            |
|          | 2-Methylphenol                         | 3,900         |                | 100,000    |               | 15               | 15           | < 0.21            | < 0.19            |
|          | 2-Nitroaniline                         | 3,200         |                | 100,000    |               |                  |              | < 0.21            | < 0.19            |
| 88-75-5  | 2-Nitrophenol                          |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | 3,3'-Dichlorobenzidine                 | 1             |                | 280        |               | 0.007            | 0.033        | < 0.21            | < 0.19            |
| 99-09-2  | 3-Nitroaniline                         |               |                |            |               |                  |              | < 0.21            | < 0.19            |
| 534-52-1 | 4,6-Dinitro-2-methylphenol             |               |                |            |               |                  |              | < 0.40            | < 0.37            |
|          | 4-Bromophenyl phenyl ether             | -             | ·              |            |               |                  | _            | < 0.21            | < 0.19            |
|          | 4-Chloro-3-methylphenol                |               |                |            |               |                  |              | < 0.40            | < 0.37            |
|          | 4-Chloroaniline                        | 310           |                | 820        |               | 0.7              | 0.7          | < 0.21            | < 0.19            |
|          | 4-Chlorophenyl phenyl ether            |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | 4-Methylphenol                         |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | 4-Nitroaniline                         |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | 4-Nitrophenol                          |               |                |            |               |                  |              | < 0.40            | < 0.37<br>< 0.37  |
| 62-53-3  | Aniline<br>Benzidine                   |               |                |            |               |                  |              | < 0.41<br>< 0.40  | < 0.37            |
|          | Benzoic acid                           | 310,000       |                | 820,000    | •••           | 400              | 400          | < 1.0             | < 0.92            |
|          | Benzyl alcohol                         | 310,000       |                | 820,000    |               | 400              | 400          | < 0.21            | < 0.19            |
|          | Bis(2-chloroethoxy)methane             |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | Bis(2-chloroethyl)ether                | 0.6           | 0.2            | 75         | 0.66          | 0.0004           | 0.0004       | < 0.21            | < 0.19            |
|          | Bis(2-ethylhexyl)phthalate             | 46            | 31,000         | 4,100      | 31,000        | 3,600            | 31,000       | < 1.0             | < 0.92            |
|          | Butyl benzyl phthalate                 | 16,000        | 930            | 410,000    | 930           | 930              | 930          | < 0.21            | < 0.19            |
| 86-74-8  | Carbazole                              | 32            |                | 6,200      |               | 0.6              | 2.8          | < 0.21            | < 0.19            |
| 84-74-2  | Di-n-butyl phthalate                   | 7,800         | 2,300          | 200,000    | 2,300         | 2,300            | 2,300        | < 0.21            | < 0.19            |
|          | Di-n-octyl phthalate                   | 1,600         | 10,000         | 4,100      | 10,000        | 10,000           | 10,000       | < 0.21            | < 0.19            |
|          | Dibenzofuran                           |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | Diethyl phthalate                      | 63,000        | 2,000          | 1,000,000  | 2,000         | 470              | 470          | < 0.21            | < 0.19            |
|          | Dimethyl phthalate                     |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | Hexachlorobenzene                      | 0.4           | 1              | 78         | 2.6           | 2                | 11           | < 0.21            | < 0.19            |
|          | Hexachlorobutadiene                    |               |                |            |               |                  |              | < 0.21            | < 0.19            |
|          | Hexachlorocyclopentadiene              | 550           | 10             | 14,000     | 1.1           | 400              | 2,200        | < 0.21            | < 0.19            |
|          | Hexachloroethane                       | 78            | 4.600          | 2,000      | 4.600         | 0.5              | 2.6          | < 0.21            | < 0.19            |
|          | Isophorone                             | 15,600        | 4,600          | 410,000    | 4,600         | 8                | 8 00006      | < 0.21            | < 0.19            |
|          | N-Nitrosodi-n-propylamine              | 0.09          |                | 18         | •••           | 0.00005          | 0.00005      | < 0.040<br>< 0.21 | < 0.037           |
|          | N-Nitrosodimethylamine                 | 120           |                | 25,000     |               | 1                | 5 4          | < 0.21            | < 0.19            |
|          | N-Nitrosodiphenylamine<br>Nitrobenzene | 130<br>39     | 92             | 1,000      | 9,4           | 0.1              | 5.6<br>0.1   | < 0.21            | < 0.037           |
| 87-86-5  | Pentachlorophenol                      | 39            | 92             | 520        | 9.4           | 0.03             | 0.14         | < 0.040           | < 0.074           |
|          | Phenol                                 | 23,000        |                | 61,000     |               | 100              | 100          | < 0.082           | < 0.19            |
| 110-86-1 |  | 23,000        |                | 01,000     |               | 100              |              | < 0.82            | < 0.74            |
| 110-00-1 | i Judine                               |               |                |            |               |                  |              | - U102            |                   |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

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Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-009 19010622-010

Client Sample ID: A-26 A-27
Date Collected: 01/23/2019 08:00 01/23/2019 08:15

|           |                               | r         |                |  | 337. 1        | 6-7-6      |          | 1       |         |
|-----------|-------------------------------|-----------|----------------|--|---------------|------------|----------|---------|---------|
|           |                               | <b>.</b>  |                |  | on Worker     | Soil Com   |          |         |         |
|           |                               | B.        | Route Specific |  | ic Values for | Groundwat  |          |         |         |
|           |                               |           | for Soil       |  | oil           | Exposure R |          |         |         |
| CAS No.   | Analyte                       | Ingestion | Inhalation     | Ingestion  | Inhalation    | Class I    | Class II |         |         |
|           | 1,2,4-Trichlorobenzene        | 780       | 3,200          | 2,000  | 920           | 5          | 53       | < 0.20  | < 0.20  |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000     | 560            | 18,000   | 310           | 17         | 43       | < 0.20  | < 0.20  |
|           | 1,3-Dichlorobenzene           |           |                |  |               |            |          | < 0.20  | < 0.20  |
|           | 1,4-Dichlorobenzene           |           | 11,000         |  | 340           | 2          | 11       | < 0.20  | < 0.20  |
|           | 2, 2'-oxybis(1-Chloropropane) |           |                |  |               |            |          | < 0.20  | < 0.20  |
|           | 2,4,5-Trichlorophenol         | 7,800     |                | 200,000  |               | 270        | 1,400    | < 0.20  | < 0.20  |
|           | 2,4,6-Trichlorophenol         | 58        | 200            | 11,000   | 540 ·         | 0.2        | 0.77     | < 0.20  | < 0.20  |
|           | 2,4-Dichlorophenol            | 230       | •••            | 610  |               | 1          | . 1      | < 0.20  | < 0.20  |
|           | 2,4-Dimethylphenol            | 1,600     | •••            | 41,000   | ***           | 9          | 9        | < 0.20  | < 0.20  |
|           | 2,4-Dinitrophenol             | 160       |                | 410  |               | 0.2        | 0.2      | < 0.99  | < 0.99  |
|           | 2,4-Dinitrotoluene            | 0.9       |                | 180  |               | 0.0008     | 0.0008   | < 0.040 | < 0.039 |
|           | 2,6-Dinitrotoluene            | 0.9       |                | 180  |               | 0.0007     | 0.0007   | < 0.040 | < 0.039 |
|           | 2-Chloronaphthalene           |           |                |  |               |            |          | < 0.20  | < 0.20  |
|           | 2-Chlorophenol                | 390       | 53,000         | 10,000   | 53,000        | 4          | 4        | < 0.20  | < 0.20  |
|           | 2-Methylnaphthalene           |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 95-48-7   | 2-Methylphenol                | 3,900     |                | 100,000  |               | 15         | 15       | < 0.20  | < 0.20  |
| 88-74-4   | 2-Nitroaniline                |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 88-75-5   | 2-Nitrophenol                 |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1         |                | 280  |               | 0.007      | 0.033    | < 0.20  | < 0.20  |
| 99-09-2   | 3-Nitroaniline                |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    |           |                |  |               |            |          | < 0.40  | < 0.39  |
| 101-55-3  | 4-Bromophenyl phenyl ether    |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 59-50-7   | 4-Chloro-3-methylphenol       |           |                |  |               |            |          | < 0.40  | < 0.39  |
|           | 4-Chloroaniline               | 310       |                | 820  | •••           | 0.7        | 0.7      | < 0.20  | < 0.20  |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 106-44-5  | 4-Methylphenol                |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 100-01-6  | 4-Nitroaniline                |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 100-02-7  | 4-Nitrophenol                 |           |                |  |               |            |          | < 0.40  | < 0.39  |
| 62-53-3   | Aniline                       |           |                |  |               |            |          | < 0.40  | < 0.40  |
| 92-87-5   | Benzidine                     |           |                |  |               |            |          | < 0.40  | < 0.39  |
| 65-85-0   | Benzoic acid                  | 310,000   |                | 820,000  |               | 400        | 400      | < 0.99  | < 0.99  |
| 100-51-6  | Benzyl alcohol                |           |                |  |               |            |          | < 0.20  | < 0.20  |
| 111-91-1  | Bis(2-chloroethoxy)methane    |           |                |  |               |            |          | < 0.20  | < 0.20  |
|           | Bis(2-chloroethyl)ether       | 0.6       | 0.2            | 75   | 0.66          | 0.0004     | 0.0004   | < 0.20  | < 0.20  |
|           | Bis(2-ethylhexyl)phthalate    | 46        | 31,000         | 4,100  | 31,000        | 3,600      | 31,000   | < 0.99  | < 0.99  |
|           | Butyl benzyl phthalate        | 16,000    | 930            | 410,000  | 930           | 930        | 930      | < 0.20  | < 0.20  |
| 86-74-8   | Carbazole                     | 32        |                | 6,200  |               | 0.6        | 2.8      | < 0.20  | < 0.20  |
|           | Di-n-butyl phthalate          | 7,800     | 2,300          | 200,000  | 2,300         | 2,300      | 2,300    | < 0.20  | < 0.20  |
|           | Di-n-octyl phthalate          | 1,600     | 10,000         | 4,100  | 10,000        | 10,000     | 10,000   | < 0.20  | < 0.20  |
|           | Dibenzofuran                  |           |                | , , , , , , , , , , , , , , , , , , ,            |               |            |          | < 0.20  | < 0.20  |
|           | Diethyl phthalate             | 63,000    | 2,000          | 1,000,000  | 2,000         | 470        | 470      | < 0.20  | < 0.20  |
|           | Dimethyl phthalate            | 1,        | _,,,,,         |  |               |            |          | < 0.20  | < 0.20  |
|           | Hexachlorobenzene             | 0.4       | 1              | 78   | 2.6           | 2          | 11       | < 0.20  | < 0.20  |
| 87-68-3   | Hexachlorobutadiene           | t         |                |  |               |            |          | < 0.20  | < 0.20  |
|           | Hexachlorocyclopentadiene     | 550       | 10             | 14,000   | 1.1           | 400        | 2,200    | < 0.20  | < 0.20  |
|           | Hexachloroethane              | 78        |                | 2,000  |               | 0.5        | 2.6      | < 0.20  | < 0.20  |
| 78-59-1   | Isophorone                    | 15,600    | 4,600          | 410,000  | 4,600         | 8          | 8        | < 0.20  | < 0.20  |
|           | N-Nitrosodi-n-propylamine     | 0.09      |                | 18   |               | 0.00005    | 0.00005  | < 0.040 | < 0.039 |
|           | N-Nitrosodimethylamine        | 1         |                | <del>                                     </del> |               | 0.000      |          | < 0.20  | < 0.20  |
|           | N-Nitrosodiphenylamine        | 130       | •••            | 25,000   |               | 1          | 5.6      | < 0.20  | < 0.20  |
|           | Nitrobenzene                  | 39        | 92             | 1,000  | 9.4           | 0.1        | 0.1      | < 0.040 | < 0.039 |
|           | Pentachlorophenol             | 39        |                | 520  |               | 0.03       | 0.14     | < 0.080 | < 0.080 |
| _         | Phenol                        | 23,000    |                | 61,000   |               | 100        | 100      | < 0.20  | < 0.20  |
| 110-86-1  |                               | 23,000    | <del></del>    | 01,000   |               | 100        | - :00    | < 0.80  | < 0.80  |
| 110-80-1  |                               | <u> </u>  | L              |  |               |            |          | - 0.00  | - 0.00  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-011 19010622-012 Client Sample ID: A-28 A-29

Date Collected: 01/23/2019 08:30 01/23/2019 08:45

|          |                                   | <del></del>     |                 | Commenced!       | on Worker       | Soil Com     | nonent of  |                  |                 |
|----------|-----------------------------------|-----------------|-----------------|------------------|-----------------|--------------|------------|------------------|-----------------|
|          |                                   | Posidential B   | loute Specific  | Route Specif     |                 | Groundwat    |            |                  |                 |
|          |                                   |                 | for Soil        | •                | oil             | Exposure R   |            |                  |                 |
| CAS No.  | Analyte                           | Ingestion       | Inhalation      | Ingestion        | Inhalation      | Class I      | Class II   |                  |                 |
|          | 1,2,4-Trichlorobenzene            | 780             | 3,200           | 2,000            | 920             | 5            | 53         | < 0.20           | < 0.21          |
| 95-50-1  | 1,2-Dichlorobenzene               | 7,000           | 560             | 18,000           | 310             | 17           | 43         | < 0.20           | < 0.21          |
|          | 1,3-Dichlorobenzene               | 7,000           | 300             | 10,000           | - 510           |              |            | < 0.20           | < 0.21          |
|          | 1,4-Dichlorobenzene               |                 | 11,000          |                  | 340             | 2            | 11         | < 0.20           | < 0.21          |
|          | 2, 2'-oxybis(1-Chloropropane)     |                 | 11,000          |                  | 3.0             |              |            | < 0.20           | < 0.21          |
|          | 2.4.5-Trichlorophenol             | 7,800           | •••             | 200,000          | •••             | 270          | 1,400      | < 0.20           | < 0.21          |
|          | 2,4,6-Trichlorophenol             | 58              | 200             | 11,000           | 540             | 0.2          | 0.77       | < 0.20           | < 0.21          |
|          | 2,4-Dichlorophenol                | 230             | •••             | 610              |                 | 1            | 1          | < 0.20           | < 0.21          |
|          | 2,4-Dimethylphenol                | 1,600           |                 | 41,000           |                 | 9            | 9          | < 0.20           | < 0.21          |
|          | 2,4-Dinitrophenol                 | 160             |                 | 410              |                 | 0.2          | 0.2        | < 0.96           | < 1.0           |
|          | 2,4-Dinitrotoluene                | 0.9             |                 | 180              |                 | 0.0008       | 0.0008     | < 0.038          | < 0.040         |
|          | 2,6-Dinitrotoluene                | 0.9             | •••             | 180              |                 | 0.0007       | 0.0007     | < 0.038          | < 0.040         |
|          | 2-Chloronaphthalene               |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
|          | 2-Chlorophenol                    | 390             | 53,000          | 10,000           | 53,000          | 4            | 4          | < 0.20           | < 0.21          |
| 91-57-6  | 2-Methylnaphthalene               |                 | ·               |                  |                 |              |            | < 0.20           | < 0.21          |
|          | 2-Methylphenol                    | 3,900           |                 | 100,000          |                 | 15           | 15         | < 0.20           | < 0.21          |
| 88-74-4  | 2-Nitroaniline                    |                 |                 |                  |                 |              |            | < 0.20           | < <u>0.21</u>   |
| 88-75-5  | 2-Nitrophenol                     |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
| 91-94-1  | 3,3'-Dichlorobenzidine            | 1               | •••             | 280              | •••             | 0.007        | 0.033      | < 0.20           | < 0.21          |
| 99-09-2  | 3-Nitroaniline                    |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
| 534-52-1 | 4,6-Dinitro-2-methylphenol        |                 |                 |                  |                 |              |            | < 0.38           | < 0.40          |
|          | 4-Bromophenyl phenyl ether        |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
|          | 4-Chloro-3-methylphenol           |                 |                 |                  |                 |              |            | < 0.38           | < 0.40          |
|          | 4-Chloroaniline                   | 310             |                 | 820              |                 | 0.7          | 0.7        | < 0.20           | < 0.21          |
|          | 4-Chlorophenyl phenyl ether       |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
|          | 4-Methylphenol                    |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
|          | 4-Nitroaniline                    |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
|          | 4-Nitrophenol                     |                 |                 |                  |                 |              |            | < 0.38           | < 0.40          |
| 62-53-3  | Aniline                           |                 |                 |                  |                 |              |            | < 0.38           | < 0.41          |
| 92-87-5  | Benzidine                         |                 |                 |                  |                 |              | 100        | < 0.38           | < 0.40          |
|          | Benzoic acid                      | 310,000         |                 | 820,000          | •••             | 400          | 400        | < 0.96           | < 1.0           |
|          | Benzyl alcohol                    |                 |                 |                  |                 |              |            | < 0.20           | < 0.21          |
|          | Bis(2-chloroethoxy)methane        |                 |                 |                  | 2.66            | 0.0004       | 0.0004     | < 0.20           | < 0.21          |
|          | Bis(2-chloroethyl)ether           | 0.6             | 0.2             | 75               | 0.66            | 0.0004       | 0.0004     | < 0.20           | < 0.21          |
|          | Bis(2-ethylhexyl)phthalate        | 46              | 31,000          | 4,100            | 31,000          | 3,600        | 31,000     | < 0.96<br>< 0.20 | < 1.0<br>< 0.21 |
|          | Butyl benzyl phthalate            | 16,000          | 930             | 410,000          | 930             | 930          | 930<br>2.8 | < 0.20           | < 0.21          |
|          | Carbazole                         | 7,800           | 2 200           | 6,200<br>200,000 | 2 200           | 0.6<br>2,300 | 2,300      | < 0.20           | < 0.21          |
|          | Di-n-butyl phthalate              |                 | 2,300<br>10,000 | 4,100            | 2,300<br>10,000 | 10,000       | 10,000     | < 0.20           | < 0.21          |
|          | Di-n-octyl phthalate Dibenzofuran | 1,600           | 10,000          | 4,100            | 10,000          | 10,000       | 10,000     | < 0.20           | < 0.21          |
|          | Diethyl phthalate                 | 63,000          | 2,000           | 1,000,000        | 2,000           | 470          | 470        | < 0.20           | < 0.21          |
|          | Dimethyl phthalate                | 03,000          | 2,000           | 1,000,000        | 2,000           | 7/0_         | 7/0        | < 0.20           | < 0.21          |
|          | Hexachlorobenzene                 | 0.4             | 1               | 78               | 2.6             | 2            | 11         | < 0.20           | < 0.21          |
| 87-68-3  | Hexachlorobutadiene               | 0.4             | 1               |                  | 2.0             |              | **         | < 0.20           | < 0.21          |
|          | Hexachlorocyclopentadiene         | 550             | 10              | 14,000           | 1.1             | 400          | 2,200      | < 0.20           | < 0.21          |
|          | Hexachloroethane                  | 78              |                 | 2,000            |                 | 0.5          | 2.6        | < 0.20           | < 0.21          |
|          | Isophorone                        | 15,600          | 4,600           | 410,000          | 4,600           | 8            | 8          | < 0.20           | < 0.21          |
|          | N-Nitrosodi-n-propylamine         | 0.09            |                 | 18               |                 | 0.00005      | 0.00005    | < 0.038          | < 0.040         |
|          | N-Nitrosodimethylamine            | · · · · · · · · |                 |                  |                 | 0.0000       |            | < 0.20           | < 0.21          |
| 86-30-6  | N-Nitrosodiphenylamine            | 130             |                 | 25,000           |                 | 1            | 5.6        | < 0.20           | < 0.21          |
| 98-95-3  | Nitrobenzene                      | 39              | 92              | 1,000            | 9.4             | 0.1          | 0.1        | < 0.038          | < 0.040         |
| 87-86-5  | Pentachlorophenol                 | 3               |                 | 520              |                 | 0.03         | 0.14       | < 0.077          | < 0.082         |
|          | Phenol                            | 23,000          |                 | 61,000           |                 | 100          | 100        | < 0.20           | < 0.21          |
| 110-86-1 |                                   | ,               |                 |                  |                 |              |            | < 0.77           | < 0.82          |
|          |                                   |                 |                 |                  |                 |              |            |                  |                 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013 19010622-014 Client Sample ID: A-30 A-31

Date Collected: 01/23/2019 09:00 01/23/2019 09:15

| CAS No.   Analyte   Cas   Values for Fort   Va |          |                               | r——           |               | C         | an Wantan | Sail Cam |          | ì      |        |
|--|----------|-------------------------------|---------------|---------------|-----------|-----------|----------|----------|--------|--------|
| CAS No.   Analyte   Ingestion   Inhalation   Ingestion   Inhalation   Class             |                               | Desidential B | eute Spesifie | -         |           |          | •        |        |        |
| CAS No.  |          |                               |               |               | •         |           |          | •        |        |        |
|  | CAS No   | Analyte                       |               |               |           |           |          |          |        |        |
| 93-50-1   12-Dehlorobeanen   7,000   500   15,000   310   17   43   < 0.21   < 0.21  |          |                               |               |               |           |           |          |          | < 0.21 | < 0.21 |
| 13-17-18-blorobeanene  |          |                               |               | ,             |           |           |          |          |        |        |
| 1064-67   1,4-Dichloropeane  |          | <del></del>                   | 7,000         |               | 10,000    |           |          | <u> </u> |        |        |
| 95-95-4   2.4-5Trichisrophenol   7.800     200,000     270   1,400   < 0.21   < 0.21   < 0.21  |          |                               |               | 11,000        | •••       | 340       | 2        | 11       | < 0.21 | < 0.21 |
| 95-95-4   24.5-Trichlorophenol   7,800   | 108-60-1 | 2, 2'-oxybis(1-Chloropropane) |               |               |           |           |          |          | < 0.21 | < 0.21 |
| 190-33-2   2.4-Dichlorophenol   230  |          |                               | 7,800         | ***           | 200,000   |           | 270      | 1,400    | < 0.21 | < 0.21 |
|  | 88-06-2  | 2,4,6-Trichlorophenol         | 58            | 200           | 11,000    | 540       | 0.2      | 0.77     | < 0.21 | < 0.21 |
| 19-12-13   19-13   1 | 120-83-2 | 2,4-Dichlorophenol            | 230           | •••           | 610       |           | 1        |          | < 0.21 |        |
|  |          |                               | 1,600         |               | 41,000    |           |          |          |        |        |
| 180     0.0007   0.0007   0.0001   0.0004   0.0040   |          |                               |               | •••           |           |           |          |          |        |        |
| 91-58-7   2-Chloropathbalene   93-90   53,000   10,000   53,000   4   4   < 0.21   < 0.21     91-57-6   2-Methylpaphhalene   39-90   53,000   10,000   53,000   4   4   < 0.21   < 0.21   < 0.21     91-57-6   2-Methylpaphhalene   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21     91-57-6   2-Methylpaphhalene   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21     91-57-7   2-Methylpaphhalene   1     280     0.007   0.033   < 0.21   < 0.21   < 0.21     91-91-8   3-7-7   3-Mitroaniline   1     280     0.007   0.033   < 0.21   < 0.21   < 0.21     91-91-9   3-Mitroaniline   1     280     0.007   0.033   < 0.21   < 0.21   < 0.21     91-93-13-13-14   3-Mitroaniline   1     280     0.007   0.033   < 0.21   < 0.21   < 0.21     91-93-13-14   3-Mitroaniline   1     280     0.007   0.033   < 0.21   < 0.21   < 0.21     91-93-13-14   3-Mitroaniline   1     280     0.7   0.7   < 0.21   < 0.21   < 0.21     91-93-14   3-Mitroaniline   310     820     0.7   0.7   0.7   < 0.21   < 0.21   < 0.21     91-93-14   3-Mitroaniline   310     820     0.7   0.7   0.7   < 0.21   < 0.21   < 0.21     91-93-14   3-Mitroaniline   310     820     0.7   0.7   0.7   < 0.21   < 0.21   < 0.21     91-93-15   8-mitroaniline   1     820     0.7   0.7   0.7   < 0.21   < 0.21   < 0.21     91-93-15   8-mitroaniline       0.00     0.00     0.00   0.   | 121-14-2 | 2,4-Dinitrotoluene            |               | ***           |           |           |          |          |        |        |
| 95-97-8   2-Chlorophenol   390   53,000   10,000   53,000   4   4   < 0.21   < 0.21   < 0.21     95-48-7   2-Methylpaphhalene   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.         |          | 1 /                           | 0.9           | •••           | 180       |           | 0.0007   | 0.0007   |        |        |
| 91-97-6   2-Methylphenol   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21         |          |                               |               |               |           |           |          |          |        |        |
| 93-48-7   2-Methylphenol   3,900     100,000     15   15   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21   < 0.21         |          |                               | 390           | 53,000        | 10,000    | 53,000    | 4        | 4        |        |        |
| S8.744   2.Nitroaniline  |          |                               |               |               |           |           |          |          |        |        |
| S8-75-5   2-Nitrophenol  |          |                               | 3,900         | •••           | 100,000   |           | 15       | 15       |        |        |
| 91-94-1   3.3 * * Dichiprobenzidine   1  |          |                               |               |               |           |           |          |          |        |        |
| 99-99-2   3-Nitroaniline   |          |                               |               |               | 200       |           | 2 225    | 0.000    |        |        |
| 334-52-1   4,6-Dinitro-2-methylphenol  |          |                               | 1             |               | 280       |           | 0.007    | 0.033    |        |        |
| 101-55-3   4-Bromophenyl phenyl ether  |          |                               |               |               |           |           |          |          |        |        |
| Section   Sect |          |                               |               |               |           |           |          |          |        |        |
| 106-47-8   4-Chlorophenyl phenyl ether   |          |                               |               |               |           |           |          |          |        |        |
| 100-5-72-3   4-Chlorophenyl phenyl ether   |          |                               | 210           |               | 920       |           | 0.7      | 0.7      |        |        |
| 106-44-5   4-Methylphenol  |          |                               | 310           | •••           | 820       |           | 0.7      | 0.7      |        |        |
| 100-01-6   |          |                               | <del></del>   |               |           |           |          |          |        |        |
| 100-02-7   4-Nitrophenol   |          |                               |               |               |           |           |          |          |        |        |
| 62-53-3   Aniline  |          |                               |               |               |           |           | _        |          |        |        |
| 92-87-5   Benzidine  |          |                               |               |               |           |           |          |          |        |        |
| 65-85-0   Benzoic acid   310,000     820,000     400   400   <1.0   <1.0   |          |                               |               |               |           |           | -        |          |        |        |
| 100-51-6   Benzyl alcohol  |          | <del> </del>                  | 310,000       |               | 820,000   |           | 400      | 400      |        |        |
| 111-91-1   Bis(2-chloroethxy)methane   |          |                               | 310,000       |               | 320,000   |           | 100      |          |        | _      |
| 111-44-4   Bis(2-chloroethyl)ether   0.6   0.2   75   0.66   0.0004   0.0004   < 0.21   < 0.21   |          |                               |               |               |           |           |          |          |        |        |
| 117-81-7   Bis(2-ethylhexyl)phthalate  |          |                               | 0.6           | 0.2           | 75        | 0.66      | 0.0004   | 0.0004   |        |        |
| 85-68-7         Buyl benzyl phthalate         16,000         930         410,000         930         930         930         930         <0.21         <0.21           86-74-8         Carbazole         32          6,200          0.6         2.8         <0.21  |          |                               |               |               |           |           |          |          |        |        |
| 86-74-8   Carbazole   32   |          |                               |               |               |           |           |          |          |        |        |
| 84-74-2   Di-n-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   2,300   < 0.21   < 0.21   |          |                               |               |               | ,         |           |          |          |        |        |
| 117-84-0   Di-n-octyl phthalate  |          |                               |               |               |           | 2,300     |          |          |        |        |
| 132-64-9   Dibenzofuran  |          |                               |               |               |           |           |          |          |        |        |
| 84-66-2         Diethyl phthalate         63,000         2,000         1,000,000         2,000         470         470         <0.21         <0.21           131-11-3         Dimethyl phthalate         0.4         1         78         2.6         2         11         <0.21   |          |                               |               |               |           |           |          |          | < 0.21 | < 0.21 |
| 131-11-3   Dimethyl phthalate  |          |                               | 63,000        | 2,000         | 1,000,000 | 2,000     | 470      | 470      | < 0.21 | < 0.21 |
| 87-68-3         Hexachlorobutadiene <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>&lt; 0.21</td><td>&lt; 0.21</td></th<>  |          |                               |               |               |           |           |          |          | < 0.21 | < 0.21 |
| 87-68-3         Hexachlorobutadiene          < 0.21         < 0.21           77-47-4         Hexachlorocyclopentadiene         550         10         14,000         1.1         400         2,200         < 0.21  | 118-74-1 | Hexachlorobenzene             | 0.4           | 1             | 78        | 2.6       | 2        | 11       | < 0.21 | < 0.21 |
| 67-72-1         Hexachloroethane         78          2,000          0.5         2.6         < 0.21   |          |                               |               |               |           |           |          |          |        |        |
| 67-72-1         Hexachloroethane         78          2,000          0.5         2.6         < 0.21         < 0.21           78-59-1         Isophorone         15,600         4,600         410,000         4,600         8         8         < 0.21   | 77-47-4  | Hexachlorocyclopentadiene     | 550           | 10            | 14,000    | 1.1       | 400      |          |        | < 0.21 |
| 621-64-7         N-Nitrosodi-n-propylamine         0.09          18          0.00005         < 0.041   | 67-72-1  | Hexachloroethane              |               | •••           |           |           |          |          | **     |        |
| 62-75-9         N-Nitrosodimethylamine                0.21   |          |                               | 15,600        | 4,600         | 410,000   | 4,600     |          |          |        |        |
| 86-30-6         N-Nitrosodiphenylamine         130          25,000          1         5.6         < 0.21   |          | N-Nitrosodi-n-propylamine     | 0.09          | •••           | 18        | •••       | 0.00005  | 0.00005  |        |        |
| 98-95-3         Nitrobenzene         39         92         1,000         9.4         0.1         0.1         <0.041  |          |                               |               |               |           |           |          |          |        |        |
| 87-86-5         Pentachlorophenol         3          520          0.03         0.14         < 0.082         < 0.081           108-95-2         Phenol         23,000          61,000          100         100         < 0.21   |          |                               |               |               |           |           |          |          |        |        |
| 108-95-2 Phenol 23,000 61,000 100 100 < 0.21 < 0.21  | 98-95-3  | Nitrobenzene                  |               | 92            |           | 9.4       |          |          |        |        |
|  |          |                               |               | •••           |           |           |          |          |        |        |
| 110-86-1   Pyridine  |          |                               | 23,000        |               | 61,000    |           | 100      | 100      |        |        |
|  | 110-86-1 | Pyridine                      |               |               |           |           |          |          | < 0.82 | < 0.81 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-015 19010622-016 Client Sample ID: A-32 A-33

Date Collected: 01/23/2019 09:30 01/23/2019 09:45

|          |   |                  |                     | Constant  | on Worker     | Soil Com         | popent of |         |         |
|----------|---|------------------|---------------------|-----------|---------------|------------------|-----------|---------|---------|
|          |   | Desidential E    | loute Specific      |           | ic Values for | Groundwat        |           |         |         |
|          |   |                  | for Soil            | •         | oil           | Exposure R       | _         |         |         |
| CACNE    | Amalida                                     |                  |                     | Ingestion | Inhalation    | Class I          | Class II  |         |         |
| CAS No.  | Analyte<br>1,2,4-Trichlorobenzene           | Ingestion<br>780 | Inhalation<br>3,200 | 2,000     | 920           | 5                | 53        | < 0.20  | < 0.21  |
|          |   |                  | 560                 | 18,000    | 310           | 17               | 43        | < 0.20  | < 0.21  |
| 95-50-1  | 1,2-Dichlorobenzene                         | 7,000            | 300                 | 18,000    | 310           | . 17             | 43        | < 0.20  | < 0.21  |
|          | 1,3-Dichlorobenzene                         |                  | 11,000              |           | 340           | 2                | 11        | < 0.20  | < 0.21  |
|          | 1,4-Dichlorobenzene                         |                  | 11,000              | •••       | 340           | <u> </u>         | 11        | < 0.20  | < 0.21  |
|          | 2, 2'-oxybis(1-Chloropropane)               | 7,800            |                     | 200,000   |               | 270              | 1,400     | < 0.20  | < 0.21  |
|          | 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol | 58               | 200                 | 11,000    | 540           | 0.2              | 0.77      | < 0.20  | < 0.21  |
|          | 2,4-Dichlorophenol                          | 230              |                     | 610       | 340           | 1                | 1         | < 0.20  | < 0.21  |
|          | 2,4-Dimethylphenol                          | 1,600            |                     | 41,000    |               | 9                | 9         | < 0.20  | < 0.21  |
|          | 2,4-Dinitrophenol                           | 160              |                     | 410       | •••           | 0.2              | 0.2       | < 1.0   | < 1.0   |
|          | 2,4-Dinitrotoluene                          | 0.9              |                     | 180       | •••           | 0.0008           | 0.0008    | < 0.040 | < 0.040 |
|          | 2,6-Dinitrotoluene                          | 0.9              |                     | 180       |               | 0.0007           | 0.0007    | < 0.040 | < 0.040 |
|          | 2-Chloronaphthalene                         | 0.9              |                     | 100       |               | 0.0007           | 0.0007    | < 0.20  | < 0.21  |
|          | 2-Chlorophenol                              | 390              | 53,000              | 10,000    | 53,000        | 4                | 4         | < 0.20  | < 0.21  |
|          | 2-Methylnaphthalene                         | 350              | 33,000              | 10,000    | 33,000        | <del></del>      |           | < 0.20  | < 0.21  |
|          | 2-Methylphenol                              | 3,900            |                     | 100.000   |               | 15               | 15        | < 0.20  | < 0.21  |
|          | 2-Nitroaniline                              | 3,500            |                     | 100,000   |               |                  |           | < 0.20  | < 0.21  |
|          | 2-Nitrophenol                               |                  |                     |           |               |                  |           | < 0.20  | < 0.21  |
|          | 3,3'-Dichlorobenzidine                      | 1                |                     | 280       | •••           | 0.007            | 0.033     | < 0.20  | < 0.21  |
|          | 3-Nitroaniline                              | 1                |                     | 200       |               | 0.007            | 0.033     | < 0.20  | < 0.21  |
|          | 4,6-Dinitro-2-methylphenol                  | -                |                     |           |               |                  |           | < 0.40  | < 0.40  |
|          | 4-Bromophenyl phenyl ether                  |                  |                     |           |               |                  | -         | < 0.20  | < 0.21  |
|          | 4-Chloro-3-methylphenol                     |                  |                     |           |               |                  |           | < 0.40  | < 0.40  |
|          | 4-Chloroaniline                             | 310              | •••                 | 820       |               | 0.7              | 0.7       | < 0.20  | < 0.21  |
|          | 4-Chlorophenyl phenyl ether                 | 310              |                     | 020       |               | <del>- 0.,</del> | 0.7       | < 0.20  | < 0.21  |
|          | 4-Methylphenol                              | -                |                     | · · · · · |               |                  |           | < 0.20  | < 0.21  |
|          | 4-Nitroaniline                              |                  |                     |           |               |                  |           | < 0.20  | < 0.21  |
|          | 4-Nitrophenol                               |                  |                     |           |               |                  |           | < 0.40  | < 0.40  |
| 62-53-3  | Aniline                                     |                  |                     |           |               |                  |           | < 0.40  | < 0.41  |
| 92-87-5  | Benzidine                                   | <del></del>      |                     |           |               | -                |           | < 0.40  | < 0.40  |
|          | Benzoic acid                                | 310,000          |                     | 820,000   |               | 400              | 400       | < 1.0   | < 1.0   |
|          | Benzyl alcohol                              | 310,000          |                     | 020,000   |               |                  |           | < 0.20  | < 0.21  |
|          | Bis(2-chloroethoxy)methane                  |                  | . "                 |           |               |                  |           | < 0.20  | < 0.21  |
|          | Bis(2-chloroethyl)ether                     | 0.6              | 0.2                 | 75        | 0.66          | 0.0004           | 0.0004    | < 0.20  | < 0.21  |
|          | Bis(2-ethylhexyl)phthalate                  | 46               | 31,000              | 4,100     | 31,000        | 3,600            | 31,000    | < 1.0   | < 1.0   |
|          | Butyl benzyl phthalate                      | 16,000           | 930                 | 410,000   | 930           | 930              | 930       | < 0.20  | < 0.21  |
| 86-74-8  | Carbazole                                   | 32               |                     | 6,200     |               | 0.6              | 2.8       | < 0.20  | < 0.21  |
|          | Di-n-butyl phthalate                        | 7,800            | 2,300               | 200,000   | 2,300         | 2,300            | 2,300     | < 0.20  | < 0.21  |
|          | Di-n-octyl phthalate                        | 1,600            | 10,000              | 4,100     | 10,000        | 10,000           | 10,000    | < 0.20  | < 0.21  |
|          | Dibenzofuran                                |                  |                     | .,,,,,,   |               |                  | ,         | < 0.20  | < 0.21  |
|          | Diethyl phthalate                           | 63,000           | 2,000               | 1,000,000 | 2,000         | 470              | 470       | < 0.20  | < 0.21  |
|          | Dimethyl phthalate                          |                  | _,,,,,,             | -,,-,     | ****          |                  |           | < 0.20  | < 0.21  |
|          | Hexachlorobenzene                           | 0.4              | i                   | 78        | 2.6           | 2                | 11        | < 0.20  | < 0.21  |
|          | Hexachlorobutadiene                         |                  | -                   |           |               |                  |           | < 0.20  | < 0.21  |
|          | Hexachlorocyclopentadiene                   | 550              | 10                  | 14,000    | 1.1           | 400              | 2,200     | < 0.20  | < 0.21  |
|          | Hexachloroethane                            | 78               |                     | 2,000     | •••           | 0.5              | 2.6       | < 0.20  | < 0.21  |
|          | Isophorone                                  | 15,600           | 4,600               | 410,000   | 4,600         | 8                | 8         | < 0.20  | < 0.21  |
|          | N-Nitrosodi-n-propylamine                   | 0.09             |                     | 18        |               | 0.00005          | 0.00005   | < 0.040 | < 0.040 |
|          | N-Nitrosodimethylamine                      |                  |                     |           |               |                  |           | < 0.20  | < 0.21  |
|          | N-Nitrosodiphenylamine                      | 130              |                     | 25,000    |               | 1                | 5.6       | < 0.20  | < 0.21  |
|          | Nitrobenzene                                | 39               | 92                  | 1,000     | 9.4           | 0.1              | 0.1       | < 0.040 | < 0.040 |
|          | Pentachlorophenol                           | 3                |                     | 520       |               | 0.03             | 0.14      | < 0.081 | < 0.082 |
| 108-95-2 |   | 23,000           |                     | 61,000    |               | 100              | 100       | < 0.20  | < 0.21  |
| 110-86-1 |   |                  |                     |           |               |                  |           | < 0.81  | < 0.82  |
|          | - /   |                  |                     |           | •             |                  |           |         |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID : 19010622-017
Client Sample ID : A-34
Date Collected : 01/23/2019 10:00

|                    |  | Values   | oute Specific | Route Specia    |               | Exposure R  | er Ingestion<br>oute Values |                  |
|--------------------|--|--|---------------|-----------------|---------------|-------------|-----------------------------|------------------|
| CAS No.            | Analyte                                |  |               | #Ingestion T    | Inhalation?   | ₹YClass I 😘 | ₹Class II 🏕                 |                  |
| 120-82-1           | 1,2,4-Trichlorobenzene                 | 780  | 3,200         | 2,000           | 920           | 5           | 53                          | < 0.21           |
| 95-50-1            | 1,2-Dichlorobenzene                    | 7,000  | 560           | 18,000          | 310           | 17          | 43                          | < 0.21           |
|                    | 1,3-Dichlorobenzene                    |  |               |                 |               |             |                             | < 0.21           |
|                    | 1,4-Dichlorobenzene                    |  | 11,000        |                 | 340           | 2           | 11                          | < 0.21           |
|                    | 2, 2'-oxybis(1-Chloropropane)          |  |               |                 |               |             |                             | < 0.21           |
|                    | 2,4,5-Trichlorophenol                  | 7,800  |               | 200,000         |               | 270         | 1,400                       | < 0.21           |
| 88-06-2            | 2,4,6-Trichlorophenol                  | 58   | 200           | 11,000          | 540           | 0.2         | 0.77                        | < 0.21           |
|                    | 2,4-Dichlorophenol                     | 230  |               | 610             |               | 1           | 1                           | < 0.21           |
|                    | 2,4-Dimethylphenol                     | 1,600  | ***           | 41,000          |               | 0.2         | 9<br>0.2                    | < 0.21<br>< 1.0  |
| 51-28-5            | 2,4-Dinitrophenol                      | 160<br>0.9                                       |               | 410<br>180      |               | 0.0008      | 0.0008                      | < 0.040          |
|                    | 2,4-Dinitrotoluene 2,6-Dinitrotoluene  | 0.9  | •••           | 180             |               | 0.0007      | 0.0008                      | < 0.040          |
| 91-58-7            | 2-Chloronaphthalene                    | 0.9  | •••           | 180             | *             | 0.0007      | 0.0007                      | < 0.21           |
| 95-57-8            | 2-Chlorophenol                         | 390  | 53,000        | 10,000          | 53,000        | 4           | 4                           | < 0.21           |
| 91-57-6            | 2-Methylnaphthalene                    | 330  | 33,000        | 10,000          | 33,000        | -7          | <del></del>                 | < 0.21           |
| 95-48-7            | 2-Methylphenol                         | 3,900  | •••           | 100,000         |               | 15          | 15                          | < 0.21           |
| 88-74-4            | 2-Metroaniline                         | 3,500  |               | 100,000         | - <del></del> | 1.5         |                             | < 0.21           |
| 88-75-5            | 2-Nitrophenol                          |  |               |                 |               |             |                             | < 0.21           |
| 91-94-1            | 3,3'-Dichlorobenzidine                 | 1  |               | 280             |               | 0.007       | 0.033                       | < 0.21           |
| 99-09-2            | 3-Nitroaniline                         |  |               |                 |               | 0.007       | 0.000                       | < 0.21           |
|                    | 4,6-Dinitro-2-methylphenol             |  |               |                 |               |             |                             | < 0.40           |
|                    | 4-Bromophenyl phenyl ether             |  |               |                 |               |             |                             | < 0.21           |
|                    | 4-Chloro-3-methylphenol                |  |               |                 |               |             |                             | < 0.40           |
|                    | 4-Chloroaniline                        | 310  | •••           | 820             |               | 0.7         | 0.7                         | < 0.21           |
| 7005-72-3          | 4-Chlorophenyl phenyl ether            |  |               |                 |               |             |                             | < 0.21           |
|                    | 4-Methylphenol                         | <u> </u>   |               |                 |               |             |                             | < 0.21           |
|                    | 4-Nitroaniline                         |  |               |                 |               |             |                             | < 0.21           |
| 100-02-7           | 4-Nitrophenol                          |  |               |                 |               |             |                             | < 0.40           |
| 62-53-3            | Aniline                                |  |               |                 |               | ·           |                             | < 0.41           |
| 92-87-5            | Benzidine                              |  |               |                 |               |             |                             | < 0.40           |
| 65-85-0            | Benzoic acid                           | 310,000  |               | 820,000         |               | 400         | 400                         | < 1.0            |
| 100-51-6           | Benzyl alcohol                         |  |               |                 |               |             |                             | < 0.21           |
|                    | Bis(2-chloroethoxy)methane             |  |               |                 |               |             |                             | < 0.21           |
|                    | Bis(2-chloroethyl)ether                | 0.6  | 0.2           | 75              | 0.66          | 0.0004      | 0.0004                      | < 0.21           |
|                    | Bis(2-ethylhexyl)phthalate             | 46   | 31,000        | 4,100           | 31,000        | 3,600       | 31,000                      | < 1.0            |
| 85-68-7            | Butyl benzyl phthalate                 | 16,000   | 930           | 410,000         | 930           | 930         | 930                         | < 0.21           |
| 86-74-8            | Carbazole                              | 32   |               | 6,200           |               | 0.6         | 2.8                         | < 0.21           |
| 84-74-2            | Di-n-butyl phthalate                   | 7,800  | 2,300         | 200,000         | 2,300         | 2,300       | 2,300                       | < 0.21           |
|                    | Di-n-octyl phthalate                   | 1,600  | 10,000        | 4,100           | 10,000        | 10,000      | 10,000                      | < 0.21           |
|                    | Dibenzofuran                           | (2.22  | 2.000         | 1 000 000       | - 2000        | 450         | 450                         | < 0.21           |
|                    | Diethyl phthalate                      | 63,000   | 2,000         | 1,000,000       | 2,000         | 470         | 470                         | < 0.21           |
|                    | Dimethyl phthalate                     | <del>                                     </del> | •             | 70              | 1             |             | 1,                          | < 0.21           |
|                    | Hexachlorobenzene                      | 0.4  | 1             | 78              | 2.6           | 2           | 11                          | < 0.21           |
| 87-68-3            | Hexachlorobutadiene                    | 550  | 10            | 14.000          | <del></del>   | 400         | 2 200                       | < 0.21<br>< 0.21 |
| 77-47-4            | Hexachlorocyclopentadiene              | 550  | 10            | 14,000          | 1.1           | 400         | 2,200                       | < 0.21           |
| 67-72-1            | Hexachloroethane                       | 78<br>15,600                                     | 4.600         | 2,000           | 4.600         | 0.5<br>8    | 2.6<br>8                    | < 0.21           |
| 78-59-1            | Isophorone                             |  | 4,600         | 410,000         | 4,600         |             | 0.00005                     | < 0.040          |
| 621-64-7           | N-Nitrosodi-n-propylamine              | 0.09   | •••           | 18              |               | 0.00005     | 0.00003                     | < 0.040          |
| 62-75-9            | N-Nitrosodimethylamine                 | 120  |               | 25,000          |               | 1           | 5.6                         | < 0.21           |
| 86-30-6<br>98-95-3 | N-Nitrosodiphenylamine<br>Nitrobenzene | 130<br>39  | 92            | 25,000<br>1,000 | 9.4           | 0.1         | 0.1                         | < 0.040          |
| 98-95-3<br>87-86-5 | Pentachlorophenol                      | 39   | 92<br>        | 520             | 9.4           | 0.03        | 0.14                        | < 0.040          |
| 108-95-2           | Phenol                                 | 23,000   |               | 61,000          |               | 100         | 100                         | < 0.21           |
| 110-86-1           | Pyridine                               | 23,000   | •••           | 01,000          |               | 100         | 100                         | < 0.82           |
| 110-00-1           | i Juanic                               |  |               | L               | L             |             |                             | - 0.02           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004

Client Sample ID : A-18 A-19 A-20 A-21

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45

|            |              | B.        | Route Specific<br>for Soil | Route Specif | on Worker<br>lic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>loute Values |         |        |        |         |
|------------|--------------|-----------|----------------------------|--------------|------------------------------------|-----------|---|---------|--------|--------|---------|
| CAS No.    | Analyte      | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                  |         |        | _      |         |
| 12674-11-2 | Aroclor 1016 | 1         |                            | 1            |                                    |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |
| 11104-28-2 | Aroclor 1221 | 1         |                            | 1            |                                    |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |
| 11141-16-5 | Aroclor 1232 | 1         |                            | 1            | ***                                |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |
| 53469-21-9 | Aroclor 1242 | 1         | ***                        | 1            |                                    |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |
| 12672-29-6 | Aroclor 1248 | 1         | ***                        | 1            |                                    |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |
| 11097-69-1 | Aroclor 1254 | i         |                            | 1            |                                    |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |
| 11096-82-5 | Aroclor 1260 | 1         |                            | 1            | ***                                |           |   | < 0.097 | < 0.10 | < 0.10 | < 0.099 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-005 19010622-006 19010622-007 19010622-008

Client Sample ID: A-22 A-23 A-24 A-25

Date Collected: 01/23/2019 07:00 01/23/2019 07:15 01/23/2019 07:30 01/23/2019 07:45

|            |              |           | Route Specific | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>loute Values |         |        |        |         |
|------------|--------------|-----------|----------------|--------------|------------------------------------|-----------|---|---------|--------|--------|---------|
| CAS No.    | Analyte      | Ingestion | Inhalation     | Ingestion    | Inhalation                         | Class I   | Class II                                  |         |        |        |         |
| 12674-11-2 | Aroclor 1016 | 1         |                | 1            |                                    | _         | ***                                       | < 0.099 | < 0.10 | < 0.10 | < 0.091 |
| 11104-28-2 | Aroclor 1221 | 1         |                | 1            | -4-                                |           |   | < 0.099 | < 0.10 | < 0.10 | < 0.091 |
| 11141-16-5 | Aroclor 1232 | 1         |                | 1            | ***                                |           |   | < 0.099 | < 0.10 | < 0.10 | < 0.091 |
| 53469-21-9 | Aroclor 1242 | 1         |                | 1            |                                    |           |   | < 0.099 | < 0.10 | < 0.10 | < 0.091 |
| 12672-29-6 | Aroclor 1248 | 1         |                | ì            |                                    |           |   | < 0.099 | < 0.10 | < 0.10 | < 0.091 |
| 11097-69-1 | Aroclor 1254 | 1         |                | 1            |                                    |           |   | < 0.099 | < 0.10 | < 0.10 | < 0.091 |
| 11096-82-5 | Aroclor 1260 | 1         | •••            | 1            |                                    | ***       |   | < 0.099 | < 0.10 | < 0.10 | < 0.091 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-009 19010622-010 19010622-011 19010622-012

Client Sample ID: A-26 A-27 A-28 A-29

Date Collected: 01/23/2019 08:00 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45

|              |             |           | Route Specific<br>for Soil | Route Specif | on Worker<br>lic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>loute Values |         |         |         |         |
|--------------|-------------|-----------|----------------------------|--------------|------------------------------------|-----------|---|---------|---------|---------|---------|
| CAS No.      | Analyte     | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                  |         |         |         |         |
| 12674-11-2 A | roclor 1016 | 1         |                            | 1            | -                                  | -         |   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |
| 11104-28-2 A | roclor 1221 | 1         |                            | 1            |                                    | -         | _   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |
| 11141-16-5 A | roclor 1232 | 1         | -                          | 1            |                                    |           |   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |
| 53469-21-9 A | roclor 1242 | 1         | ***                        | 1            |                                    |           |   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |
| 12672-29-6 A | roclor 1248 | 1         |                            | 1            |                                    |           |   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |
| 11097-69-1 A | roclor 1254 | 1         |                            | 1            | _                                  |           |   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |
| 11096-82-5 A | roclor 1260 | 1         |                            | 1            | ***                                |           |   | < 0.098 | < 0.095 | < 0.093 | < 0.097 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013 19010622-014 19010622-015 19010622-016

Client Sample ID : A-30 A-31 A-32 A-33

Date Collected: 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30 01/23/2019 09:45

|              |             |           | toute Specific<br>for Soil | Route Specif | on Worker<br>ic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>loute Values |         |         |         |         |
|--------------|-------------|-----------|----------------------------|--------------|-----------------------------------|-----------|---|---------|---------|---------|---------|
| CAS No.      | Analyte     | Ingestion | Inhalation                 | Ingestion    | Inhalation                        | Class I   | Class II                                  |         |         |         |         |
| 12674-11-2 A | roclor 1016 | 1         | -                          | 1            | ***                               |           |   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |
| 11104-28-2 A | roclor 1221 | 1         | -                          | 1            |                                   | ***       | _   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |
| 11141-16-5 A | roclor 1232 | 1         |                            | 1            | •••                               |           |   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |
| 53469-21-9 A | roclor 1242 | 1         |                            | 1            |                                   |           |   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |
| 12672-29-6 A | roclor 1248 | 1         | ***                        | 1            |                                   |           |   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |
| 11097-69-1 A | roclor 1254 | 1         |                            | 1            |                                   |           |   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |
| 11096-82-5 A | roclor 1260 | 1         |                            | 1            |                                   |           |   | < 0.099 | < 0.099 | < 0.096 | < 0.099 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-017

Client Sample ID: A-34
Date Collected: 01/23/2019 10:00

|              |              |           | Route Specific<br>for Soil | Route Specia | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>toute Values |        |
|--------------|--------------|-----------|----------------------------|--------------|------------------------------------|-----------|---|--------|
| CAS No.      | Analyte      | Ingestion | Inhalation                 | · Ingestion  | Inhalation                         | Class I   | Class II                                  |        |
| 12674-11-2 A | Aroclor 1016 | 1         | _                          | 1            |                                    | ***       | •••                                       | < 0.10 |
| 11104-28-2 A | Aroclor 1221 | 1         |                            | 1            |                                    |           |   | < 0.10 |
| 11141-16-5 A | Aroclor 1232 | 1         |                            | 1            | -                                  |           | •••                                       | < 0.10 |
| 53469-21-9 A | Aroclor 1242 | . 1       |                            | 1            |                                    |           |   | < 0.10 |
| 12672-29-6 A | Aroclor 1248 | 1         |                            | 1            |                                    |           |   | < 0.10 |
| 11097-69-1 A | Aroclor 1254 | 1         | ***                        | 1            | _                                  |           |   | < 0.10 |
| 11096-82-5 A | Aroclor 1260 | 1         |                            | 1            |                                    |           |   | < 0.10 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004

Client Sample ID: A-18 A-19 A-20 A-21

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45

|            |                    |           | loute Specific<br>for Soil | Route Specif | on Worker<br>ic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |          |          |          |          |
|------------|--------------------|-----------|----------------------------|--------------|-----------------------------------|-----------|--|----------|----------|----------|----------|
| CAS No.    | Analyte            | Ingestion | Inhalation                 | Ingestion    | Inhalation                        | Class I   | Class II                                 |          |          |          |          |
| 72-54-8    | 4,4'-DDD           | 3         |                            | 520          |                                   | 16        | 80                                       | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 72-55-9    | 4,4'-DDE           | 2         |                            | 370          |                                   | 54        | 270                                      | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 50-29-3    | 4,4'-DDT           | 2         |                            | 100          | 2,100                             | 32        | 160                                      | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 309-00-2   | Aldrin             | 0.04      | 3                          | 6.1          | 9.3                               | 0.5       | 2.5                                      | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 319-84-6   | alpha-BHC          | 0.1       | 0.8                        | 20           | 2.1                               | 0.0005    | 0.003                                    | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 5103-71-9  | alpha-Chlordane    |           |                            |              |                                   |           |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 319-85-7   | beta-BHC           |           |                            |              |                                   | ·         |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 57-74-9    | Chlordane          | 1.8       | 72                         | 100          | 22                                | 10        | 48                                       | < 0.019  | < 0.021  | < 0.021  | < 0.020  |
| 319-86-8   | delta-BHC          |           |                            |              |                                   |           |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 60-57-1    | Dieldrin           | 0.04      | 1                          | 7.8          | 3.1                               | 0.004     | 0.02                                     | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 959-98-8   | Endosulfan I       | 470       | -                          | 1,200        |                                   | 18        | 90                                       | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 33213-65-9 | Endosulfan II      | 470       |                            | 1,200        |                                   | 18        | 90                                       | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate |           |                            |              |                                   |           |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 72-20-8    | Endrin             | 23        |                            | 61           | ***                               | 1         | 5  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 7421-93-4  | Endrin aldehyde    |           |                            |              |                                   |           |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 53494-70-5 | Endrin ketone      |           |                            |              |                                   |           |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 58-89-9    | gamma-BHC          | 0.5       | -                          | 96           | _                                 | 0.009     | 0.047                                    | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 5566-34-7  | gamma-Chlordane    | 1         |                            |              |                                   |           |  | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 76-44-8    | Heptachlor         | 0.1       | 0.1                        | 28           | 16                                | 23        | 110                                      | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide | 0.07      | 5                          | 2.7          | 13                                | 0.7       | 3.3                                      | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 72-43-5    | Methoxychlor       | 390       | _                          | 1,000        |                                   | 160       | 780                                      | < 0.0019 | < 0.0021 | < 0.0021 | < 0.0020 |
| 8001-35-2  | Toxaphene          | 0.6       | 89                         | 110          | 240                               | 31        | 150                                      | < 0.040  | < 0.043  | < 0.043  | < 0.041  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-005 19010622-006 19010622-007 19010622-008 Client Sample ID: A-22 A-23 A-24 A-25

Date Collected: 01/23/2019 07:00 01/23/2019 07:15 01/23/2019 07:30 01/23/2019 07:45

|            |                    |           | •              |           | on Worker     |            | ponent of    |          |          |  |
|------------|--------------------|-----------|----------------|-----------|---------------|------------|--------------|----------|----------|--|
|            |                    |           | Route Specific | -         | ic Values for |            | er Ingestion |          |          |  |
|            |                    | Values    | for Soil       |           | oil           | Exposure R | loute Values |          |          |  |
| CAS No.    | Analyte            | Ingestion | Inhalation     | Ingestion | Inhalation    | Class I    | Class II     |          |          |  |
| 72-54-8    | 4,4'-DDD           | 3         |                | 520       |               | 16         | 80           | < 0.0020 | < 0.0021 |  |
| 72-55-9    | 4,4'-DDE           | 2         |                | 370       |               | 54         | 270          | < 0.0020 | < 0.0021 |  |
| 50-29-3    | 4,4'-DDT           | 2         |                | 100       | 2,100         | 32         | 160          | < 0.0020 | < 0.0021 |  |
| 309-00-2   | Aldrin             | 0.04      | 3              | 6.1       | 9.3           | 0.5        | 2.5          | < 0.0020 | < 0.0021 |  |
| 319-84-6   | alpha-BHC          | 0.1       | 0.8            | 20        | 2.1           | 0.0005     | 0.003        | < 0.0020 | < 0.0021 |  |
| 5103-71-9  | alpha-Chlordane    | ŀ         |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 319-85-7   | beta-BHC           |           |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 57-74-9    | Chlordane          | 1.8       | 72             | 100       | 22            | 10         | 48           | < 0.020  | < 0.021  |  |
| 319-86-8   | delta-BHC          |           |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 60-57-1    | Dieldrin           | 0.04      | 1              | 7.8       | 3.1           | 0.004      | 0.02         | < 0.0020 | < 0.0021 |  |
| 959-98-8   | Endosulfan I       | 470       |                | 1,200     |               | 18         | 90           | < 0.0020 | < 0.0021 |  |
| 33213-65-9 | Endosulfan II      | 470       |                | 1,200     |               | 18         | 90           | < 0.0020 | < 0.0021 |  |
| 1031-07-8  | Endosulfan sulfate |           |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 72-20-8    | Endrin             | 23        |                | 61        | _             | 1          | 5            | < 0.0020 | < 0.0021 |  |
| 7421-93-4  | Endrin aldehyde    |           |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 53494-70-5 | Endrin ketone      |           |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 58-89-9    | gamma-BHC          | 0.5       |                | 96        |               | 0.009      | 0.047        | < 0.0020 | < 0.0021 |  |
| 5566-34-7  | gamma-Chlordane    |           |                |           |               |            |              | < 0.0020 | < 0.0021 |  |
| 76-44-8    | Heptachlor         | 0.1       | 0.1            | 28        | 16            | 23         | 110          | < 0.0020 | < 0.0021 |  |
| 1024-57-3  | Heptachlor epoxide | 0.07      | 5              | 2.7       | 13            | 0.7        | 3.3          | < 0.0020 | < 0.0021 |  |
| 72-43-5    | Methoxychlor       | 390       |                | 1,000     |               | 160        | 780          | < 0.0020 | < 0.0021 |  |
| 8001-35-2  | Toxaphene          | 0.6       | 89             | 110       | 240           | 31         | 150          | < 0.041  | < 0.043  |  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-009 19010622-010 19010622-011 19010622-012 Client Sample ID: A-26 A-27 A-28 A-29

Date Collected: 01/23/2019 08:00 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45

|            |                    | Values       | for Soil     | Route Speci |            | Groundwat  Exposure R | oute Values |          |          |          |          |
|------------|--------------------|--------------|--------------|-------------|------------|-----------------------|-------------|----------|----------|----------|----------|
| CAS No.    | Analyte            | ■Ingestion ■ | [Inhalation] |             | Inhalation | Class I               | ■Class II ■ |          |          |          |          |
|            | 4,4'-DDD           | 3            |              | 520         |            | 16                    | 80          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
|            | 4,4'-DDE           | 2            |              | 370         |            | 54                    | 270         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 50-29-3    | 4,4'-DDT           | 2            |              | 100         | 2,100      | 32                    | 160         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 309-00-2   | Aldrin             | 0.04         | 3            | 6.1         | 9.3        | 0.5                   | 2.5         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 319-84-6   | alpha-BHC          | 0.1          | 0.8          | 20          | 2.1        | 0.0005                | 0.003       | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 5103-71-9  | alpha-Chlordane    |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 319-85-7   | beta-BHC           |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 57-74-9    | Chlordane          | 1.8          | 72           | 100         | 22         | 10                    | 48          | < 0.020  | < 0.019  | < 0.019  | < 0.019  |
| 319-86-8   | delta-BHC          |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 60-57-1    | Dieldrin           | 0.04         | 1            | 7.8         | 3.1        | 0.004                 | 0.02        | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 959-98-8   | Endosulfan I       | 470          | ***          | 1,200       |            | 18                    | 90          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 33213-65-9 | Endosulfan II      | 470          |              | 1,200       |            | 18                    | 90          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 1031-07-8  | Endosulfan sulfate |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 72-20-8    | Endrin             | 23           |              | 61          | _          | 1                     | 5           | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 7421-93-4  | Endrin aldehyde    |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 53494-70-5 | Endrin ketone      |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 58-89-9    | gamma-BHC          | 0.5          |              | 96          |            | 0.009                 | 0.047       | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 5566-34-7  | gamma-Chlordane    |              |              |             |            |                       |             | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 76-44-8    | Heptachlor         | 0.1          | 0.1          | 28          | 16         | 23                    | 110         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 1024-57-3  | Heptachlor epoxide | 0.07         | 5            | 2.7         | 13         | 0.7                   | 3.3         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 72-43-5    | Methoxychlor       | 390          | ***          | 1,000       |            | 160                   | 780         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 3001-35-2  | Toxaphene          | 0.6          | 89           | 110         | 240        | 31                    | 150         | < 0.040  | < 0.039  | < 0.039  | < 0.040  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013 19010622-014 19010622-015 19010622-016
Client Sample ID: A-30 A-31 A-32 A-33

Date Collected: 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30 01/23/2019 09:45

|            |                    |           | toute Specific<br>for Soil | Route Specif | on Worker<br>fic Values for<br>oil | Groundwat | ponent of<br>er Ingestion<br>oute Values |          |          |          |          |
|------------|--------------------|-----------|----------------------------|--------------|------------------------------------|-----------|--|----------|----------|----------|----------|
| CAS No.    | Analyte            | Ingestion | Inhalation                 | Ingestion    | Inhalation                         | Class I   | Class II                                 |          |          |          |          |
|            | 4,4′ <b>-</b> DDD  | 3         |                            | 520          |                                    | 16        | 80                                       | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 72-55-9    | 4,4'-DDE           | 2         |                            | 370          |                                    | 54        | 270                                      | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 50-29-3    | 4,4'-DDT           | 2         |                            | 100          | 2,100                              | 32        | 160                                      | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 309-00-2   | Aldrin             | 0.04      | 3                          | 6.1          | 9.3                                | 0.5       | 2.5                                      | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 319-84-6   | alpha-BHC          | 0.1       | 0.8                        | 20           | 2,1                                | 0.0005    | 0.003                                    | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 5103-71-9  | alpha-Chlordane    |           |                            |              |                                    |           |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 319-85-7   | beta-BHC           |           |                            |              |                                    |           |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 57-74-9    | Chlordane          | 1.8       | 72                         | 100          | 22                                 | 10        | 48                                       | < 0.020  | < 0.020  | < 0.019  | < 0.020  |
| 319-86-8   | delta-BHC          |           |                            |              |                                    | *         |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 60-57-1    | Dieldrin           | 0.04      | 1                          | 7.8          | 3.1                                | 0.004     | 0.02                                     | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 959-98-8   | Endosulfan I       | 470       | ***                        | 1,200        | _                                  | 18        | 90                                       | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 33213-65-9 | Endosulfan II      | 470       | _                          | 1,200        |                                    | 18        | 90                                       | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate |           |                            |              |                                    |           |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 72-20-8    | Endrin             | 23        |                            | 61           |                                    | 1         | 5  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 7421-93-4  | Endrin aldehyde    |           |                            |              |                                    |           |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 53494-70-5 | Endrin ketone      |           |                            |              |                                    | ,         |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 58-89-9    | gamma-BHC          | 0.5       | •••                        | 96           |                                    | 0.009     | 0.047                                    | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 5566-34-7  | gamma-Chlordane    |           |                            |              |                                    |           |  | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 76-44-8    | Heptachlor         | 0.1       | 0.1                        | 28           | 16                                 | 23        | 110                                      | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide | 0.07      | 5                          | 2.7          | 13                                 | 0.7       | 3.3                                      | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 72-43-5    | Methoxychlor       | 390       |                            | 1,000        |                                    | 160       | 780                                      | < 0.0020 | < 0.0020 | < 0.0019 | < 0.0020 |
| 8001-35-2  | Toxaphene          | 0.6       | 89                         | 110          | 240                                | 31        | 150                                      | < 0.041  | < 0.041  | < 0.040  | < 0.041  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-017 Client Sample ID: A-34

Date Collected: 01/23/2019 10:00

|            |                    | 4         | Route Specific<br>for Soil |           | on Worker<br>ic Values for<br>oil | Groundwat | ponent of<br>ter Ingestion<br>Loute Values |          |
|------------|--------------------|-----------|----------------------------|-----------|-----------------------------------|-----------|--|----------|
| CAS No.    | Analyte            | Ingestion | Inhalation                 | Ingestion | Inhalation                        | Class I   | Class II                                   |          |
|            | 4,4'-DDD           | 3         |                            | 520       |                                   | 16        | 80   | < 0.0020 |
| 72-55-9    | 4,4'-DDE           | 2         | •••                        | 370       |                                   | 54        | 270  | < 0.0020 |
| 50-29-3    | 4,4'-DDT           | 2         |                            | 100       | 2,100                             | 32        | 160  | < 0.0020 |
| 309-00-2   | Aldrin             | 0.04      | 3                          | 6.1       | 9.3                               | 0.5       | 2.5  | < 0.0020 |
| 319-84-6   | alpha-BHC          | 0.1       | 0.8                        | 20        | 2.1                               | 0.0005    | 0.003                                      | < 0.0020 |
| 5103-71-9  | alpha-Chlordane    |           |                            |           |                                   |           |  | < 0.0020 |
| 319-85-7   | beta-BHC           |           |                            |           |                                   |           |  | < 0.0020 |
| 57-74-9    | Chlordane          | 1.8       | 72                         | 100       | 22                                | 10        | 48   | < 0.020  |
| 319-86-8   | delta-BHC          |           |                            |           |                                   |           |  | < 0.0020 |
| 60-57-1    | Dieldrin           | 0.04      | 1                          | 7.8       | 3.1                               | 0.004     | 0.02                                       | < 0.0020 |
| 959-98-8   | Endosulfan I       | 470       |                            | 1,200     |                                   | 18        | 90   | < 0.0020 |
| 33213-65-9 | Endosulfan II      | 470       |                            | 1,200     |                                   | 18        | 90   | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate |           |                            |           |                                   |           |  | < 0.0020 |
| 72-20-8    | Endrin             | 23        |                            | 61        |                                   | 1         | 5  | < 0.0020 |
| 7421-93-4  | Endrin aldehyde    |           |                            |           |                                   |           |  | < 0.0020 |
| 53494-70-5 | Endrin ketone      |           |                            |           |                                   |           |  | < 0.0020 |
| 58-89-9    | gamma-BHC          | 0.5       |                            | 96        |                                   | 0.009     | 0.047                                      | < 0.0020 |
| 5566-34-7  | gamma-Chlordane    |           |                            |           |                                   |           |  | < 0.0020 |
| 76-44-8    | Heptachlor         | 0.1       | 0.1                        | 28        | 16                                | 23        | 110  | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide | 0.07      | 5                          | 2.7       | 13                                | 0.7       | 3.3  | < 0.0020 |
| 72-43-5    | Methoxychlor       | 390       |                            | 1,000     |                                   | 160       | 780  | < 0.0020 |
| 8001-35-2  | Toxaphene          | 0.6       | 89                         | 110       | 240                               | 31        | 150  | < 0.041  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004

Client Sample ID: A-18 A-19 A-20 A-21

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45

|           |           |               |            |              | on Worker       | Soil Comp   |          |         |        |        |        |
|-----------|-----------|---------------|------------|--------------|-----------------|-------------|----------|---------|--------|--------|--------|
|           |           | Residential R | •          | Route Specif | ic Values for [ | Groundwate  |          |         |        |        |        |
|           |           | Values        | for Soil   | Se           | oil             | Exposure Ro |          |         |        |        |        |
| CAS No.   | Analyte   | Ingestion     | Inhalation | Ingestion    | Inhalation      | Class I     | Class II |         |        |        |        |
|           | Aluminum  |               |            |              |                 |             |          | 13000   | 15000  | 14000  | 13000  |
| 7440-36-0 | Antimony  | 31            |            | 82           |                 |             |          | < 2.0   | < 2.4  | < 2.3  | < 2.2  |
| 7440-38-2 | Arsenic   | 13.0/11.3     | 750        | 61           | 25,000          |             |          | 4.7     | 4.3    | 3.9    | 5.2    |
| 7440-39-3 | Barium    | 5,500         | 690,000    | 14,000       | 870,000         |             |          | 30      | 60     | 71     | 74     |
| 7440-41-7 | Beryllium | 160           | 1,300      | 410          | 44,000          |             |          | 0.70    | 0.80   | 0.82   | 0.70   |
| 7440-43-9 | Cadmium   | 78            | 1,800      | 200          | 59,000          |             |          | < 0.51  | < 0.59 | < 0.58 | < 0.56 |
| 7440-70-2 | Calcium   |               |            |              |                 |             |          | 77000   | 52000  | 47000  | 70000  |
| 7440-47-3 | Chromium  | 230           | 270        | 4,100        | 690             |             |          | 24      | 28     | 28     | 26     |
| 7440-48-4 | Cobalt    | 4,700         |            | 12,000       |                 |             |          | 11      | 17     | 15     | 19     |
| 7440-50-8 | Copper    | 2,900         | ***        | 8,200        | _               |             |          | 30      | 26     | 24     | 30     |
|           | Cyanide   | 1,600         |            | 4,100        |                 |             |          | < 0.30  | < 0.33 | < 0.33 | < 0.31 |
| 7439-89-6 | Iron      |               |            |              |                 |             |          | 24000   | 26000  | 25000  | 25000  |
| 7439-92-1 | Lead      | 400           |            | 700          |                 |             |          | 14      | 15     | 14     | 15     |
| 7439-95-4 | Magnesium | 325,000       |            | 730,000      | _               |             | _        | 38000   | 25000  | 22000  | 34000  |
| 7439-96-5 | Manganese | 1,600         | 69,000     | 4,100        | 8,700           |             |          | 480     | 380    | 350    | 510    |
| 7439-97-6 | Mercury   | 23            | 10         | 61           | 0.1             |             |          | < 0.021 | 0.029  | 0.027  | 0.024  |
| 7440-02-0 | Nickel    | 1,600         | 13,000     | 4,100        | 440,000         |             |          | 33      | 47     | 43     | 45     |
| 7440-09-7 | Potassium | •••           |            | _            |                 |             |          | 2900    | 3400   | 3300   | 3100   |
| 7782-49-2 | Selenium  | 390           |            | 1,000        |                 |             |          | < 1.0   | < 1.2  | < 1.2  | < 1.1  |
| 7440-22-4 | Silver    | 390           | •••        | 1,000        | _               |             |          | < 1.0   | < 1.2  | < 1.2  | < 1.1  |
| 7440-23-5 | Sodium    | ***           | •••        |              |                 |             |          | 180     | 150    | 140    | 150    |
| 7440-28-0 | Thallium  | 6.3           |            | 160          |                 |             |          | < 1.0   | < 1.2  | < 1.2  | < 1.1  |
| 7440-62-2 | Vanadium  | 550           |            | 1,400        |                 |             |          | 29      | 27     | 27     | 26     |
| 7440-66-6 | Zinc      | 23,000        |            | 61,000       |                 |             |          | 56      | 56     | 56     | 56     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-005 19010622-006 19010622-007 19010622-008

Client Sample ID : A-22 A-23 A-24 A-25

Date Collected: 01/23/2019 07:00 01/23/2019 07:15 01/23/2019 07:30 01/23/2019 07:45

|                     |               |               | Constructi   | on Worker     | Soil Com   | ponent of    |         |        |        |        |
|---------------------|---------------|---------------|--------------|---------------|------------|--------------|---------|--------|--------|--------|
|                     | Residential R | oute Specific | Route Specif | ic Values for | Groundwat  | er Ingestion |         |        |        |        |
|                     | Values        | for Soil      | Ls           | oil           | Exposure R | oute Values  |         |        |        |        |
| CAS No. Analyte     | Ingestion     | Inhalation    | Ingestion    | Inhalation    | Class I    | Class II     |         |        |        |        |
| 7429-90-5 Aluminum  |               | 1             |              |               |            |              | 18000   | 19000  | 17000  | 13000  |
| 7440-36-0 Antimony  | 31            | 1             | 82           |               |            |              | < 2.2   | < 2.3  | < 2.2  | < 1.9  |
| 7440-38-2 Arsenic   | 13.0/11.3     | 750           | 61           | 25,000        |            |              | 11      | 6.8    | 6.1    | 13     |
| 7440-39-3 Barium    | 5,500         | 690,000       | 14,000       | 870,000       |            |              | 76      | 78     | 120    | 39     |
| 7440-41-7 Beryllium | 160           | 1,300         | 410          | 44,000        |            |              | 1.0     | 1.1    | 0.98   | 0.76   |
| 7440-43-9 Cadmium   | 78            | 1,800         | 200          | 59,000        |            |              | < 0.54  | < 0.58 | < 0.55 | < 0.49 |
| 7440-70-2 Calcium   |               |               |              |               |            |              | 76000   | 66000  | 80000  | 70000  |
| 7440-47-3 Chromium  | 230           | 270           | 4,100        | 690           |            |              | 35      | 38     | 33     | 26     |
| 7440-48-4 Cobalt    | 4,700         |               | 12,000       | _             |            |              | 21      | 27     | 18     | 17     |
| 7440-50-8 Copper    | 2,900         | -             | 8,200        | ***           |            |              | 39      | 32     | 37     | 33     |
| 57-12-5 Cyanide     | 1,600         | -             | 4,100        | ***           | •          |              | < 0.31  | < 0.33 | < 0.31 | < 0.28 |
| 7439-89-6 Iron      |               |               |              |               |            |              | 33000   | 34000  | 35000  | 27000  |
| 7439-92-1 Lead      | 400           |               | 700          |               |            |              | 17      | 20     | 17     | 16     |
| 7439-95-4 Magnesium | 325,000       |               | 730,000      |               |            |              | 37000   | 31000  | 39000  | 35000  |
| 7439-96-5 Manganese | 1,600         | 69,000        | 4,100        | 8,700         |            |              | 600     | 500    | 640    | 520    |
| 7439-97-6 Mercury   | 23            | 10            | 61           | 0.1           |            |              | < 0.022 | 0.023  | 0.026  | 0.025  |
| 7440-02-0 Nickel    | 1,600         | 13,000        | 4,100        | 440,000       |            |              | 56      | 70     | 50     | 44     |
| 7440-09-7 Potassium |               | -             |              | •••           |            |              | 4700    | 4900   | 4000   | 3300   |
| 7782-49-2 Selenium  | 390           |               | 1,000        |               |            |              | < 1.1   | 1.5    | < 1.1  | < 0.97 |
| 7440-22-4 Silver    | 390           | ***           | 1,000        |               |            |              | < 1.1   | < 1.2  | < 1.1  | < 0.97 |
| 7440-23-5 Sodium    |               |               |              |               |            |              | 200     | 200    | 190    | 230    |
| 7440-28-0 Thallium  | 6.3           |               | 160          |               |            |              | < 1.1   | < 1.2  | < 1.1  | < 0.97 |
| 7440-62-2 Vanadium  | 550           |               | 1,400        |               |            |              | 36      | 37     | 32     | 26     |
| 7440-66-6 Zinc      | 23,000        |               | 61,000       | •••           |            |              | 69      | 74     | 69     | 57     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-009

19010622-010

19010622-011

19010622-012

Client Sample ID:

A-26

A-27

A-28

A-29

Date Collected: 01/23/2019 08:00 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45

| 1                   |                |            |           |               |            |          |        |        |        |        |
|---------------------|----------------|------------|-----------|---------------|------------|----------|--------|--------|--------|--------|
|                     | D 1 1 41 - 1 D | 4 . 6      | 1         | on Worker     | Soil Comp  |          |        |        |        |        |
|                     | Residential R  | -          | _         | ic Values for | Groundwate |          |        |        |        |        |
| 0.031               | Values         |            |           | oil           | Exposure R |          |        |        |        |        |
| CAS No. Analyte     | Ingestion      | Inhalation | Ingestion | Inhalation    | Class I    | Class II |        |        |        |        |
| 7429-90-5 Aluminum  |                |            |           |               |            |          | 12000  | 15000  | 14000  | 16000  |
| 7440-36-0 Antimony  | 31             |            | 82        |               |            | ·        | < 2.2  | < 2.2  | < 2.1  | < 2.2  |
| 7440-38-2 Arsenic   | 13.0/11.3      | 750        | 61        | 25,000        |            |          | 13     | 8.0    | 7.0    | 11     |
| 7440-39-3 Barium    | 5,500          | 690,000    | 14,000    | 870,000       |            |          | 39     | 63     | 73     | 69     |
| 7440-41-7 Beryllium | 160            | 1,300      | 410       | 44,000        |            |          | 0.76   | 0.86   | 0.83   | 0.88   |
| 7440-43-9 Cadmium   | 78             | 1,800      | 200       | 59,000        |            |          | < 0.55 | < 0.54 | < 0.54 | < 0.55 |
| 7440-70-2 Calcium   |                |            |           |               |            |          | 58000  | 71000  | 76000  | 97000  |
| 7440-47-3 Chromium  | 230            | 270        | 4,100     | 690           |            |          | 23     | 30     | 34     | 31     |
| 7440-48-4 Cobalt    | 4,700          |            | 12,000    |               |            |          | 9.4    | 16     | 14     | 21     |
| 7440-50-8 Copper    | 2,900          | •••        | 8,200     |               |            |          | 45     | 32     | 30     | 39     |
| 57-12-5 Cyanide     | 1,600          | _          | 4,100     |               |            |          | < 0.31 | < 0.30 | < 0.29 | < 0.31 |
| 7439-89-6 Iron      |                |            |           | -             |            |          | 30000  | 28000  | 32000  | 32000  |
| 7439-92-1 Lead      | 400            |            | 700       |               |            |          | 24     | 15     | 17     | 18     |
| 7439-95-4 Magnesium | 325,000        | _          | 730,000   | _             |            | -        | 29000  | 35000  | 37000  | 45000  |
| 7439-96-5 Manganese | 1,600          | 69,000     | 4,100     | 8,700         |            |          | 310    | 530    | 490    | 670    |
| 7439-97-6 Mercury   | 23             | 10         | 61        | 0.1           |            |          | 0.027  | 0.026  | 0.027  | 0.029  |
| 7440-02-0 Nickel    | 1,600          | 13,000     | 4,100     | 440,000       |            |          | 34     | 44     | 44     | 54     |
| 7440-09-7 Potassium | ***            |            |           |               |            |          | 2700   | 3900   | 3200   | 3800   |
| 7782-49-2 Selenium  | 390            |            | 1,000     |               |            |          | < 1.1  | < 1.1  | < 1.1  | 1.2    |
| 7440-22-4 Silver    | 390            |            | 1,000     |               |            |          | < 1.1  | < 1.1  | < 1.1  | < 1.1  |
| 7440-23-5 Sodium    |                | _          |           |               |            |          | 200    | 360    | 350    | 240    |
| 7440-28-0 Thallium  | 6.3            |            | 160       |               |            |          | < 1.1  | < 1.1  | < 1.1  | < 1.1  |
| 7440-62-2 Vanadium  | 550            |            | 1,400     | •••           |            |          | 29     | 30     | 28     | 33     |
| 7440-66-6 Zinc      | 23,000         | ***        | 61,000    |               |            |          | 53     | 60     | 63     | 68     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013

Client Sample ID:

9010622-013 A-30 19010622-014 A-31 19010622-015 A-32

19010622-016

A-33

Date Collected: 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30 01/23/2019 09:45

|           |           | Residential R | oute Specific |           | on Worker<br>ic Values for | Soil Compo<br>Groundwater |            |        |        |        |        |
|-----------|-----------|---------------|---------------|-----------|----------------------------|---------------------------|------------|--------|--------|--------|--------|
|           |           | Values        | for Soil      | · Se      | oil                        | Exposure Ro               | ute Values |        |        |        |        |
| CAS No.   | Analyte   | Ingestion     | Inhalation    | Ingestion | Inhalation                 | Class I                   | Class II   |        |        |        |        |
| 7429-90-5 |           |               |               |           | ·                          |                           |            | 14000  | 16000  | 15000  | 16000  |
| 7440-36-0 |           | 31            | •••           | 82        |                            |                           |            | < 2.2  | < 2.1  | < 2.0  | < 2.3  |
| 7440-38-2 | Arsenic   | 13.0/11.3     | 750           | 61        | 25,000                     |                           |            | 11     | 11     | 6.6    | 10     |
| 7440-39-3 | Barium    | 5,500         | 690,000       | 14,000    | 870,000                    |                           |            | 46     | 79     | 63     | 87     |
| 7440-41-7 | Beryllium | 160           | 1,300         | 410       | 44,000                     |                           |            | 0.95   | 0.90   | 0.79   | 0.86   |
| 7440-43-9 | Cadmium   | 78            | 1,800         | 200       | 59,000                     |                           |            | < 0.55 | < 0.53 | < 0.51 | < 0.57 |
| 7440-70-2 | Calcium   |               |               |           |                            |                           |            | 54000  | 73000  | 74000  | 81000  |
| 7440-47-3 | Chromium  | 230           | 270           | 4,100     | 690                        |                           |            | 27     | 29     | 27     | 31     |
| 7440-48-4 | Cobalt    | 4,700         |               | 12,000    |                            |                           |            | 18     | 19     | 15     | 20     |
| 7440-50-8 | Copper    | 2,900         |               | 8,200     |                            |                           |            | 54     | 33     | 29     | 34     |
| 57-12-5   | Cyanide   | 1,600         |               | 4,100     |                            |                           |            | < 0.31 | < 0.31 | < 0.31 | < 0.31 |
| 7439-89-6 | Iron      |               |               |           | ·                          |                           |            | 39000  | 31000  | 28000  | 29000  |
| 7439-92-1 | Lead      | 400           |               | 700       |                            |                           |            | 26     | 16     | 15     | 17     |
| 7439-95-4 | Magnesium | 325,000       |               | 730,000   |                            |                           |            | 27000  | 35000  | 33000  | 38000  |
| 7439-96-5 | Manganese | 1,600         | 69,000        | 4,100     | 8,700                      |                           |            | 450    | 620    | 530    | 570    |
| 7439-97-6 | Mercury   | 23            | 10            | 61        | 0.1                        |                           |            | 0.030  | 0.022  | 0.024  | 0.025  |
| 7440-02-0 | Nickel    | 1,600         | 13,000        | 4,100     | 440,000                    |                           |            | 57     | 49     | 42     | 50     |
| 7440-09-7 | Potassium |               |               |           |                            |                           |            | 3000   | 3700   | 2600   | 3900   |
| 7782-49-2 | Selenium  | 390           |               | 1,000     |                            |                           |            | 1.9    | 1.1    | < 1.0  | < 1.1  |
| 7440-22-4 | Silver    | 390           | •             | 1,000     |                            |                           |            | < 1.1  | < 1.1  | < 1.0  | < 1.1  |
| 7440-23-5 | Sodium    | ***           |               |           |                            |                           |            | 680    | 350    | 740    | 240    |
| 7440-28-0 | Thallium  | 6.3           |               | 160       |                            |                           |            | < 1.1  | < 1.1  | < 1.0  | < 1.1  |
| 7440-62-2 | Vanadium  | 550           |               | 1,400     |                            |                           |            | 31     | 30     | 27     | 31     |
| 7440-66-6 | Zinc      | 23,000        |               | 61,000    | •••                        |                           |            | 98     | 66     | 64     | 69     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-017 Client Sample ID: A-34

Date Collected: 01/23/2019 10:00

|           |           | Residential R<br>Values | •          | Route Specif | on Worker<br>ic Values for<br>oil | Groundwat | ponent of<br>ter Ingestion<br>toute Values |        |
|-----------|-----------|-------------------------|------------|--------------|-----------------------------------|-----------|--|--------|
| CAS No.   | Analyte   | Ingestion               | Inhalation | Ingestion    | Inhalation                        | Class I   | Class II                                   |        |
| 7429-90-5 | Aluminum  |                         |            |              |                                   |           |  | 14000  |
|           | Antimony  | 31                      | •••        | 82           |                                   |           |  | < 2.3  |
| 7440-38-2 | Arsenic   | 13.0/11.3               | 750        | 61           | 25,000                            |           |  | 9.0    |
| 7440-39-3 | Barium    | 5,500                   | 690,000    | 14,000       | 870,000                           |           |  | 91     |
| 7440-41-7 | Beryllium | 160                     | 1,300      | 410          | 44,000                            |           |  | 0.85   |
|           | Cadmium   | 78                      | 1,800      | 200          | 59,000                            |           |  | < 0.56 |
| 7440-70-2 | Calcium   | -                       |            |              | •••                               |           |  | 79000  |
| 7440-47-3 | Chromium  | 230                     | 270        | 4,100        | · 690                             |           |  | 28     |
| 7440-48-4 | Cobalt    | 4,700                   | 1          | 12,000       |                                   |           |  | 19     |
| 7440-50-8 | Соррег    | 2,900                   |            | 8,200        |                                   |           |  | 32     |
| 57-12-5   | Cyanide   | 1,600                   |            | 4,100        |                                   |           |  | < 0.31 |
| 7439-89-6 | Iron      |                         | ***        |              | -                                 |           |  | 27000  |
| 7439-92-1 | Lead      | 400                     | _          | 700          |                                   |           |  | 15     |
| 7439-95-4 | Magnesium | 325,000                 |            | 730,000      |                                   |           |  | 37000  |
| 7439-96-5 | Manganese | 1,600                   | 69,000     | 4,100        | 8,700                             |           |  | 550    |
| 7439-97-6 |           | 23                      | 10         | 61           | 0.1                               |           |  | 0.024  |
| 7440-02-0 | Nickel    | 1,600                   | 13,000     | 4,100        | 440,000                           |           |  | 46     |
| 7440-09-7 | Potassium |                         |            | *** \        |                                   |           |  | 3700 . |
| 7782-49-2 | Selenium  | 390                     |            | 1,000        | ***                               |           |  | < 1.1  |
| 7440-22-4 | Silver    | 390                     | _          | 1,000        |                                   |           | 1  | < 1.1  |
| 7440-23-5 | Sodium    |                         |            |              |                                   |           | 1  | 250    |
| 7440-28-0 | Thallium  | 6.3                     |            | 160          |                                   |           |  | < 1.1  |
| 7440-62-2 | Vanadium  | 550                     |            | 1,400        |                                   |           |  | 30     |
| 7440-66-6 | Zinc      | 23,000                  |            | 61,000       |                                   |           | T  | 60     |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004 Client Sample ID: A-18 A-19 A-20 A-21

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45

|                     | Values for Soil |            | Construction Worker<br>Route Specific Values for<br>Soil |            | Soil Component of Groundwater Ingestion Exposure Route Values |          |          |           |           |          |
|---------------------|-----------------|------------|--|------------|---|----------|----------|-----------|-----------|----------|
| CAS No. Analyte     | Ingestion       | Inhalation | Ingestion  | Inhalation | Class I   | Class II |          |           |           |          |
| 7440-36-0 Antimony  |                 |            |  |            | 0.006   | 0.024    | < 0.015  | < 0.015   | < 0.015   | < 0.015  |
| 7440-38-2 Arsenic   |                 |            |  |            | 0.05  | 0.2      | < 0.010  | < 0.010   | < 0.010   | < 0.010  |
| 7440-39-3 Barium    |                 |            |  |            | 2.0   | 2.0      | 0.054    | 0.73      | 0.72      | 0.74     |
| 7440-41-7 Beryllium |                 |            |  |            | 0.004   | 0.5      | < 0.0050 | < 0.0050  | < 0.0050  | < 0.0050 |
| 7440-43-9 Cadmium   |                 |            |  |            | 0.005   | 0.05     | < 0.0050 | < 0.0050  | < 0.0050  | < 0.0050 |
| 7440-47-3 Chromium  |                 |            |  |            | 0.1   | 1.0      | < 0.010  | < 0.010   | < 0.010   | < 0.010  |
| 7440-48-4 Cobalt    |                 |            |  |            | 1.0   | 1.0      | 0.025    | 0.053     | 0.099     | 0.080    |
| 7440-50-8 Copper    |                 |            |  |            | 0.65  | 0.65     | < 0.10   | < 0.10    | < 0.10    | < 0.10   |
| 7439-89-6 Iron      |                 |            |  |            | 5.0   | 5.0      | 1.2      | < 0.25    | < 0.25    | < 0.25   |
| 7439-92-1 Lead      |                 |            |  |            | 0.0075  | 0.1      | 0.014    | < 0.0050  | 0:0089    | 0.0069   |
| 7439-96-5 Manganese |                 |            |  |            | 0.15  | 10.0     | 5.0      | 4!5       | 4.97      | 493      |
| 7439-97-6 Mercury   |                 |            |  |            | 0.002   | 0.01     | 0.00025  | < 0.00020 | < 0.00020 | 0.00020  |
| 7440-02-0 Nickel    |                 |            |  |            | 0.1   | 2.0      | 0.040    | 0.067     | 0.16      | 0.15     |
| 7782-49-2 Selenium  |                 |            |  |            | 0.05  | 0.05     | < 0.010  | < 0.010   | < 0.010   | < 0.010  |
| 7440-22-4 Silver    |                 |            |  |            | 0.05  | -        | < 0.010  | < 0.010   | < 0.010   | < 0.010  |
| 7440-28-0 Thallium  |                 |            |  |            | 0.002   | 0.02     | < 0.0050 | < 0.0050  | < 0.0050  | < 0.0050 |
| 7440-62-2 Vanadium  |                 |            |  |            | 0.049   | 0.1      | < 0.010  | < 0.010   | < 0.010   | < 0.010  |
| 7440-66-6 Zinc      |                 |            |  |            | 5.0   | 10       | < 0.050  | < 0.050   | 0.055     | < 0.050  |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-005 19010622-006 19010622-007 19010622-008 Client Sample ID: A-22 A-23 A-24 A-25

Date Collected: 01/23/2019 07:00 01/23/2019 07:15 01/23/2019 07:30 01/23/2019 07:45

|                     |               |                | Constructi   | on Worker     | Soil Com   | ponent of    |           |           |           |           |
|---------------------|---------------|----------------|--------------|---------------|------------|--------------|-----------|-----------|-----------|-----------|
|                     | Residential R | loute Specific | Route Specif | ic Values for | Groundwat  | er Ingestion |           |           |           |           |
|                     | Values        | for Soil       | Se           | oil           | Exposure R | oute Values  |           |           |           |           |
| CAS No. Analyte     | Ingestion     | Inhalation     | Ingestion    | Inhalation    | Class I    | Class II     |           |           |           |           |
| 7440-36-0 Antimony  |               |                |              |               | 0.006      | 0.024        | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 Arsenic   |               |                |              |               | 0.05       | 0.2          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 Barium    |               |                |              |               | 2.0        | 2.0          | 0.83      | 0.74      | 0.83      | 0.43      |
| 7440-41-7 Beryllium |               |                |              |               | 0.004      | 0.5          | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 Cadmium   |               |                |              |               | 0.005      | 0.05         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 Chromium  |               |                |              |               | 0.1        | 1.0          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 Cobalt    |               |                |              |               | 1.0        | 1.0          | 0.052     | 0.034     | 0.066     | 0.095     |
| 7440-50-8 Copper    |               |                |              |               | 0.65       | 0.65         | < 0.10    | < 0.10    | 0.12      | 0.16      |
| 7439-89-6 Iron      |               |                |              |               | 5.0        | 5.0          | < 0.25    | < 0.25    | < 0.25    | < 0.25    |
| 7439-92-1 Lead      |               |                |              |               | 0.0075     | 0.1          | 0:007.7   | < 0.0050  | 0:014     | 0.013     |
| 7439-96-5 Manganese |               |                |              |               | 0.15       | 10.0         | 6:5       | 2!1       | 6:7       | 6:3       |
| 7439-97-6 Mercury   |               |                |              |               | 0.002      | 0.01         | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 Nickel    |               |                |              |               | 0.1        | 2.0          | 0.072     | 0.081     | 0.083     | 0!17      |
| 7782-49-2 Selenium  |               |                |              |               | 0.05       | 0.05         | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 Silver    |               |                |              |               | 0.05       |              | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 Thallium  |               |                |              |               | 0.002      | 0.02         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 Vanadium  |               |                |              |               | 0.049      | 0.1          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Zinc      |               |                |              |               | 5.0        | 10           | < 0.050   | < 0.050   | < 0.050   | 0.065     |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-009

19010622-010

19010622-011 A-28

19010622-012

Client Sample ID:

A-26

A-29

A-27 Date Collected: 01/23/2019 08:00 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45

|           |           | Residential Route Specific<br>Values for Soil |            | Construction Worker<br>Route Specific Values for<br>Soil |            | Soil Component of<br>Groundwater Ingestion<br>Exposure Route Values |          |           |           |           |           |
|-----------|-----------|---|------------|--|------------|---|----------|-----------|-----------|-----------|-----------|
| CAS No.   | Analyte   | Ingestion                                     | Inhalation | Ingestion  | Inhalation | Class I   | Class II |           |           |           |           |
| 7440-36-0 | Antimony  |   |            |  |            | 0.006   | 0.024    | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 | Arsenic   |   |            |  |            | 0.05  | 0.2      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 |           |   |            |  |            | 2.0   | 2.0      | 0.34      | 0.77      | 0.53      | 0.52      |
| 7440-41-7 | Beryllium |   |            |  |            | 0.004   | 0.5      | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 | Cadmium   |   |            |  |            | 0.005   | 0.05     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 | Chromium  |   |            |  |            | 0.1   | 1.0      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 | Cobalt    |   |            |  |            | 1.0   | 1.0      | < 0.010   | 0.037     | 0.017     | 0.063     |
| 7440-50-8 | Copper    |   |            |  |            | 0.65  | 0.65     | < 0.10    | < 0.10    | < 0.10    | 0.14      |
| 7439-89-6 | Iron      |   |            |  |            | 5.0   | 5.0      | < 0.25    | 0.44      | 1.5       | < 0.25    |
| 7439-92-1 | Lead      |   |            |  |            | 0.0075  | 0.1      | < 0.0050  | < 0.0050  | < 0.0050  | 0:0095    |
|           | Manganese |   |            |  |            | 0.15  | 10.0     | 0.90      | 4.7       | 3:5       | 5:2       |
| 7439-97-6 | Mercury   |   |            |  |            | 0.002   | 0.01     | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 | Nickel    |   |            |  |            | 0.1   | 2.0      | < 0.020   | 0.020     | < 0.020   | 0:12      |
| 7782-49-2 | Selenium  |   |            |  |            | 0.05  | 0.05     | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 | Silver    |   |            |  |            | 0.05  |          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 | Thallium  |   |            |  |            | 0.002   | 0.02     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 | Vanadium  |   |            |  |            | 0.049   | 0.1      | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 | Zinc      |   |            |  |            | 5.0   | 10       | < 0.050   | < 0.050   | < 0.050   | 0.066     |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

 Laboratory ID:
 19010622-013
 19010622-014
 19010622-015
 19010622-016

 Client Sample ID:
 A-30
 A-31
 A-32
 A-33

 Date Collected:
 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30 01/23/2019 09:45

|                     |               |                | Constructi   | on Worker     | Soil Com   | ponent of    |           |           |           |           |
|---------------------|---------------|----------------|--------------|---------------|------------|--------------|-----------|-----------|-----------|-----------|
|                     | Residential F | Route Specific | Route Specif | ic Values for | Groundwat  | er Ingestion |           |           |           |           |
|                     | Values        | for Soil       | Se           | oil           | Exposure R | oute Values  |           |           |           |           |
| CAS No. Analyte     | Ingestion     | Inhalation     | Ingestion    | Inhalation    | Class I    | Class II     |           |           |           |           |
| 7440-36-0 Antimony  |               |                |              |               | 0.006      | 0.024        | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 Arsenic   |               |                |              |               | 0.05       | 0.2          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 Barium    |               |                |              |               | 2.0        | 2.0          | 0.55      | 0.46      | 0.49      | 0.95      |
| 7440-41-7 Beryllium |               |                |              |               | 0.004      | 0.5          | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 Cadmium   |               |                |              |               | 0.005      | 0.05         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 Chromium  |               |                |              |               | 0.1        | 1.0          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 Cobalt    |               |                |              |               | 1.0        | 1.0          | 0.038     | 0.027     | 0.065     | 0.11      |
| 7440-50-8 Copper    |               |                |              |               | 0.65       | 0.65         | < 0.10    | < 0.10    | < 0.10    | 0.14      |
| 7439-89-6 Iron      |               |                |              |               | 5.0        | 5.0          | 0.28      | < 0.25    | 0.31      | < 0.25    |
| 7439-92-1 Lead      | 1             |                |              |               | 0.0075     | 0.1          | < 0.0050  | < 0.0050  | < 0.0050  | 0.0087    |
| 7439-96-5 Manganese |               |                |              |               | 0.15       | 10.0         | 4.8       | 2.7       | 5.9       | 5:2       |
| 7439-97-6 Mercury   |               |                |              |               | 0.002      | 0.01         | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 Nickel    |               |                |              |               | 0.1        | 2.0          | 0.043     | 0.074     | 0.051     | 0!17      |
| 7782-49-2 Selenium  |               |                |              |               | 0.05       | 0.05         | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 Silver    |               |                |              |               | 0.05       |              | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 Thallium  |               |                |              |               | 0.002      | 0.02         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 Vanadium  |               |                |              |               | 0.049      | 0.1          | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Zinc      |               |                |              |               | 5.0        | 10           | < 0.050   | < 0.050   | < 0.050   | 0.064     |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-017
Client Sample ID: A-34
Date Collected: 01/23/2019 10:00

|           |           | Values for Soil |            | Route Specif | on Worker<br>ic Values for<br>oil | Soil Com<br>Groundwat<br>Exposure R |          |           |
|-----------|-----------|-----------------|------------|--------------|-----------------------------------|-------------------------------------|----------|-----------|
| CAS No.   | Analyte   | Ingestion       | Inhalation | Ingestion    | Inhalation                        | Class I                             | Class II |           |
| 7440-36-0 | Antimony  |                 |            |              |                                   | 0.006                               | 0.024    | < 0.015   |
| 7440-38-2 | Arsenic   |                 |            |              |                                   | 0.05                                | 0.2      | < 0.010   |
| 7440-39-3 | Barium    |                 | ,          |              |                                   | 2.0                                 | 2.0      | 0.84      |
| 7440-41-7 | Beryllium |                 |            |              |                                   | 0.004                               | 0.5      | < 0.0050  |
| 7440-43-9 | Cadmium   |                 |            |              |                                   | 0.005                               | 0.05     | < 0.0050  |
| 7440-47-3 | Chromium  |                 |            |              |                                   | 0.1                                 | 1.0      | < 0.010   |
| 7440-48-4 | Cobalt    |                 |            |              |                                   | 1.0                                 | 1.0      | 0.064     |
| 7440-50-8 | Соррег    |                 |            |              |                                   | 0.65                                | 0.65     | < 0.10    |
| 7439-89-6 | Iron      |                 |            |              | ·                                 | 5.0                                 | 5.0      | < 0.25    |
| 7439-92-1 | Lead      |                 |            |              |                                   | 0.0075                              | 0.1      | < 0.0050  |
| 7439-96-5 | Manganese |                 |            |              |                                   | 0.15                                | 10.0     | 2:6       |
| 7439-97-6 | Mercury   |                 |            |              |                                   | 0.002                               | 0.01     | < 0.00020 |
| 7440-02-0 | Nickel    |                 |            |              |                                   | 0.1                                 | 2.0      | 0!13      |
| 7782-49-2 | Selenium  |                 |            |              |                                   | 0.05                                | 0.05     | < 0.010   |
| 7440-22-4 | Silver    |                 |            |              |                                   | 0.05                                |          | < 0.010   |
| 7440-28-0 | Thallium  |                 |            |              |                                   | 0.002                               | 0.02     | < 0.0050  |
| 7440-62-2 | Vanadium  |                 |            |              |                                   | 0.049                               | 0.1      | < 0.010   |
| 7440-66-6 | Zinc      |                 |            |              |                                   | 5.0                                 | 10       | < 0.050   |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-002 19010622-010
Client Sample ID: A-19 A-27
Date Collected: 01/23/2019 06:15 01/23/2019 08:15

pH = 7.7 pH = 7.65

|           | 1         | Route Specific<br>for Soil |                 | l Component of stion Route Values |        |        |
|-----------|-----------|----------------------------|-----------------|-----------------------------------|--------|--------|
|           | Ingestion | Inhalation                 | Class I         | Class II                          |        |        |
| Analyte   |           | pH Ran                     | ge 7.25 to 7.74 |                                   |        |        |
| Aluminum  |           |                            |                 |                                   | 15000  | 15000  |
| Antimony  | 31        | •••                        | 5               | 20                                | < 2.4  | < 2.2  |
| Arsenic   | 13.0/11.3 | 750                        | 30              | 120                               | 4.3    | 8.0    |
| Barium    | 5,500     | 690,000                    | 1,800           | 1,800                             | 60     | 63     |
| Beryllium | 160       | 1,300                      | 1,000           | 130,000                           | 0.80   | 0.86   |
| Cadmium   | 78        | 1,800                      | 59              | 590                               | < 0.59 | < 0.54 |
| Calcium   |           | •••                        |                 |                                   | 52000  | 71000  |
| Chromium  | 230       | 270                        | 32              | No Data                           | 28     | 30     |
| Cobalt    | 4,700     |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 17     | 16     |
| Copper    | 2,900     | •••                        | 330,000         | 330,000                           | 26     | 32     |
| Cyanide   | 1,600     | ***                        | 40              | 120                               | < 0.33 | < 0.30 |
| Iron      |           |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 26000  | 28000  |
| Lead      | 400       | •••                        | 107             | 1,420                             | 15     | 15     |
| Magnesium | 325,000   | •••                        |                 |                                   | 25000  | 35000  |
| Manganese | 1,600     | 69,000 / 8,700*            | See TCLP/SPLP   | See TCLP/SPLP                     | 380    | 530    |
| Mercury   | 23        | 10 / 0.1*                  | 6.4             | 32                                | 0.029  | 0.026  |
| Nickel    | 1,600     | 13,000                     | 700             | 14,000                            | 47     | 44     |
| Potassium |           |                            |                 |                                   | 3400   | 3900   |
| Selenium  | 390       |                            | 3.3             | 3.3                               | < 1.2  | < 1.1  |
| Silver    | 390       |                            | 39              |                                   | < 1.2  | < 1.1  |
| Sodium    | •••       | •••                        |                 |                                   | 150    | 360    |
| Thallium  | 6.3       |                            | 3.4             | 34                                | < 1.2  | < 1.1  |
| Vanadium  | 550       |                            | 980             | See TCLP/SPLP                     | 27     | 30     |
| Zinc      | 23,000    | •••                        | 16,000          | 32,000                            | 56     | 60     |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

Chromium Class I / II objectives based on hexavalent chromium.

<sup>\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

#### TACO Tier I pH Specific Soil Remediation Objectives - Supplemental Residential Report

Client: Environmental Group Services, Ltd.

Project: Franklin - EB
Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-003 19010622-004 19010622-005 19010622-006 Client Sample ID: A-18 A-20 A-21 A-22 A-23

Date Collected: 01/23/2019 06:00 01/23/2019 06:30 01/23/2019 06:45 01/23/2019 07:00 01/23/2019 07:15

pH = 7.83 pH = 7.94 pH = 7.9 pH = 8.05 pH = 8.18

|           |           | Route Specific<br>for Soil | • •             | l Component of stion Route Values |         |        |        |         |      |
|-----------|-----------|----------------------------|-----------------|-----------------------------------|---------|--------|--------|---------|------|
|           | Ingestion | Inhalation                 | Class I         | Class II                          |         |        |        |         |      |
| Analyte   |           | pH Ran                     | ge 7.75 to 8.24 |                                   |         |        |        |         |      |
| Aluminum  |           |                            |                 |                                   | 13000   | 14000  | 13000  | 18000   | 190  |
| Antimony  | _ 31      | •••                        | 5               | 20                                | < 2.0   | < 2.3  | < 2.2  | < 2.2   | < 2  |
| Arsenic   | 13.0/11.3 | 750                        | 31              | 120                               | 4.7     | 3.9    | 5.2    | 11      | 6.   |
| Barium    | 5,500     | . 690,000                  | 2,100           | 2,100                             | 30      | 71     | 74     | 76      | 7:   |
| Beryllium | 160       | 1,300                      | 8,000           | 1,000,000                         | 0.70    | 0.82   | 0.70   | 1.0     | 1.   |
| Cadmium   | 78        | 1,800                      | 430             | 4,300                             | < 0.51  | < 0.58 | < 0.56 | < 0.54  | < 0. |
| Calcium   |           | •••                        |                 |                                   | 77000   | 47000  | 70000  | 76000   | 660  |
| Chromium  | 230       | 270                        | 28              | No Data                           | 24      | 28     | 26     | 35      | 33   |
| Cobalt    | 4,700     |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 11      | 15     | 19     | 21      | 2    |
| Copper    | 2,900     |                            | 330,000         | 330,000                           | 30      | 24     | 30     | 39      | 33   |
| Cyanide   | 1,600     | •••                        | 40              | 120                               | < 0.30  | < 0.33 | < 0.31 | < 0.31  | < 0. |
| Iron      |           |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 24000   | 25000  | 25000  | 33000   | 340  |
| Lead      | 400       | •••                        | 107             | 1,420                             | 14      | 14     | 15     | 17      | 20   |
| Magnesium | 325,000   | :                          |                 |                                   | 38000   | 22000  | 34000  | 37000   | 310  |
| Manganese | 1,600     | 69,000 / 8,700*            | See TCLP/SPLP   | See TCLP/SPLP                     | 480     | 350    | 510    | 600     | 50   |
| Mercury   | 23        | 10 / 0.1*                  | 8.0             | 40                                | < 0.021 | 0.027  | 0.024  | < 0.022 | 0.0  |
| Nickel    | 1,600     | 13,000                     | 3,800           | 76,000                            | 33      | 43     | 45     | 56      | 70   |
| Potassium |           |                            |                 |                                   | 2900    | 3300   | 3100   | 4700    | 490  |
| Selenium  | 390       |                            | 2.4             | 2.4                               | < 1.0   | < 1.2  | < 1.1  | < 1.1   | 1.   |
| Silver    | 390       |                            | 110             |                                   | < 1.0   | < 1.2  | < 1.1  | < 1.1   | <1   |
| Sodium    | •••       |                            |                 |                                   | 180     | 140    | 150    | · 200   | 20   |
| Thallium  | 6.3       | •••                        | 3.8             | 38                                | < 1.0   | < 1.2  | < 1.1  | < 1.1   | < 1  |
| Vanadium  | 550       | •••                        | 980             | See TCLP/SPLP                     | 29      | 27     | 26     | 36      | 31   |
| Zinc      | 23,000    | •••                        | 53,000          | 110,000                           | 56      | 56     | 56     | 69      | 74   |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

Chromium Class I / II objectives based on hexavalent chromium.

<sup>• -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

#### TACO Tier I pH Specific Soil Remediation Objectives - Supplemental Residential Report

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-007 19010622-008 19010622-009 19010622-011 19010622-012

Client Sample ID: A-24 A-25 A-26 A-28 A-29

Date Collected: 01/23/2019 07:30 01/23/2019 07:45 01/23/2019 08:00 01/23/2019 08:30 01/23/2019 08:45

pH = 8.11 pH = 7.77 pH = 8.1 pH = 7.81 pH = 7.91

|           |           | Route Specific<br>for Soil | pH Specific Soi<br>Groundwater Inge | l Component of stion Route Values |        |        |        |        |        |
|-----------|-----------|----------------------------|-------------------------------------|-----------------------------------|--------|--------|--------|--------|--------|
|           | Ingestion | Inhalation                 | Class I                             | Class II                          |        |        |        |        |        |
| G Analyte |           | pH Ran                     | ge 7.75 to 8.24                     |                                   |        |        |        |        |        |
| Aluminum  |           |                            |                                     |                                   | 17000  | 13000  | 12000  | 14000  | 16000  |
| Antimony  | 31        | •••                        | 5                                   | 20                                | < 2.2  | < 1.9  | < 2.2  | < 2.1  | < 2.2  |
| Arsenic   | 13.0/11.3 | 750                        | 31                                  | 120                               | 6.1    | 13     | 13     | 7.0    | 11     |
| Barium    | 5,500     | 690,000                    | 2,100                               | 2,100                             | 120    | 39     | 39     | 73     | 69     |
| Beryllium | 160       | 1,300                      | 8,000                               | 1,000,000                         | 0.98   | 0.76   | 0.76   | 0.83   | 0.88   |
| Cadmium   | 78        | 1,800                      | 430                                 | 4,300                             | < 0.55 | < 0.49 | < 0.55 | < 0.54 | < 0.55 |
| Calcium   | •••       |                            |                                     |                                   | 80000  | 70000  | 58000  | 76000  | 97000  |
| Chromium  | 230       | 270                        | 28                                  | No Data                           | 33     | 26     | 23     | 34     | 31     |
| Cobalt    | 4,700     |                            | See TCLP/SPLP                       | See TCLP/SPLP                     | 18     | 17     | 9.4    | 14     | 21     |
| Соррег    | 2.900     |                            | 330,000                             | 330,000                           | 37     | 33     | 45     | 30     | 39     |
| Cyanide   | 1,600     | •••                        | 40                                  | 120                               | < 0.31 | < 0.28 | < 0.31 | < 0.29 | < 0.31 |
| Iron      |           |                            | See TCLP/SPLP                       | See TCLP/SPLP                     | 35000  | 27000  | 30000  | 32000  | 32000  |
| Lead      | 400       |                            | 107                                 | 1,420                             | 17     | 16     | 24.    | 17     | 18     |
| Magnesium | 325,000   | •••                        |                                     |                                   | 39000  | 35000  | 29000  | 37000  | 45000  |
| Manganese | 1,600     | 69,000 / 8,700*            | See TCLP/SPLP                       | See TCLP/SPLP                     | 640    | 520    | 310    | 490    | 670    |
| Mercury   | 23        | 10 / 0.1*                  | 8.0                                 | 40                                | 0.026  | 0.025  | 0.027  | 0.027  | 0.029  |
| Nickel    | 1,600     | 13,000                     | 3,800                               | 76,000                            | 50     | 44     | 34     | 44     | 54     |
| Potassium | •••       | •••                        |                                     |                                   | 4000   | 3300   | 2700   | 3200   | 3800   |
| Selenium  | 390       |                            | 2.4                                 | 2.4                               | < 1.1  | < 0.97 | < 1.1  | < 1.1  | 1.2    |
| Silver    | 390       | •••                        | 110                                 |                                   | < 1.1  | < 0.97 | < 1.1  | < 1.1  | < 1.1  |
| Sodium    | •••       |                            |                                     |                                   | 190    | 230    | 200    | 350    | 240    |
| Thallium  | 6.3       |                            | 3.8                                 | 38                                | < 1.1  | < 0.97 | < 1.1  | < 1.1  | < 1.1  |
| Vanadium  | 550       | •••                        | 980                                 | See TCLP/SPLP                     | 32     | 26     | 29     | 28     | 33     |
| Zinc      | 23,000    | •••                        | 53,000                              | 110,000                           | 69     | 57     | 53     | 63     | 68     |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

Chromium Class 1 / II objectives based on hexavalent chromium.

<sup>\* -</sup> Construction Worker Inhalation Objective from Appendix B, Table B.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013 19010622-014 19010622-015 19010622-016 19010622-017

Client Sample ID : A-30 A-31 A-32 A-33 A-34

Date Collected: 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30 01/23/2019 09:45 01/23/2019 10:00

pH = 8.07 pH = 7.97 pH = 8.1 pH = 8.23 pH = 8.05

|           |           | Route Specific<br>for Soil | • •             | l Component of stion Route Values |        |        |        |        |      |
|-----------|-----------|----------------------------|-----------------|-----------------------------------|--------|--------|--------|--------|------|
|           | Ingestion | Inhalation                 | Class I         | Class II                          |        |        |        |        |      |
| Analyte   |           | pH Ran                     | ge 7.75 to 8.24 |                                   |        |        |        |        |      |
| Aluminum  |           |                            |                 |                                   | 14000  | 16000  | 15000  | 16000  | 140  |
| Antimony  | 31        | •••                        | 5               | 20                                | < 2.2  | < 2.1  | < 2.0  | < 2.3  | < 2  |
| Arsenic   | 13.0/11.3 | 750                        | 31              | 120                               | 11     | 11     | 6.6    | 10     | 9.0  |
| Barium    | 5,500     | 690,000                    | 2,100           | 2,100                             | 46     | 79     | 63     | 87     | 91   |
| Beryllium | 160       | 1,300                      | . 8,000         | 1,000,000                         | 0.95   | 0.90   | 0.79   | 0.86   | 0.8  |
| Cadmium   | 78        | 1,800                      | 430             | 4,300                             | < 0.55 | < 0.53 | < 0.51 | < 0.57 | < 0. |
| Calcium   | ***       |                            |                 |                                   | 54000  | 73000  | 74000  | 81000  | 790  |
| Chromium  | 230       | 270                        | 28              | No Data                           | 27     | 29     | 27     | 31     | 21   |
| Cobalt    | 4,700     | •                          | See TCLP/SPLP   | See TCLP/SPLP                     | 18     | 19     | 15     | 20     | 19   |
| Copper    | 2,900     |                            | 330,000         | 330,000                           | 54     | 33     | 29     | 34     | 32   |
| Cyanide   | 1,600     | •••                        | 40              | 120                               | < 0.31 | < 0.31 | < 0.31 | < 0.31 | < 0. |
| Iron      |           |                            | See TCLP/SPLP   | See TCLP/SPLP                     | 39000  | 31000  | 28000  | 29000  | 270  |
| Lead      | 400       |                            | 107             | 1,420                             | 26     | 16     | 15     | 17     | 15   |
| Magnesium | 325,000   | •••                        | ı               |                                   | 27000  | 35000  | 33000  | 38000  | 370  |
| Manganese | 1,600     | 69,000 / 8,700*            | See TCLP/SPLP   | See TCLP/SPLP                     | 450    | 620    | 530    | 570    | 55   |
| Mercury   | 23        | 10 / 0.1*                  | 8.0             | 40                                | 0.030  | 0.022  | 0.024  | 0.025  | 0.0  |
| Nickel    | 1,600     | 13,000                     | 3,800           | 76,000                            | 57     | 49     | 42     | 50     | 46   |
| Potassium | •••       | •••                        |                 |                                   | 3000   | 3700   | 2600   | 3900   | 370  |
| Selenium  | 390       | •••                        | 2.4             | 2.4                               | 1.9    | 1.1    | < 1.0  | < 1.1  | < 1  |
| Silver    | 390       | •••                        | 110             |                                   | < 1.1  | < 1.1  | < 1.0  | < 1.1  | < 1  |
| Sodium    | •••       |                            |                 |                                   | 680    | 350    | 740    | 240    | 25   |
| Thallium  | 6.3       | •••                        | 3.8             | 38                                | < 1.1  | < 1.1  | < 1.0  | < 1.1  | < 1  |
| Vanadium  | 550       |                            | 980             | See TCLP/SPLP                     | 31     | 30     | 27     | 31     | 3(   |
| Zinc      | 23,000    | •••                        | 53,000          | 110,000                           | 98     | 66     | 64     | 69     | 60   |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective.

Chromium Class I / II objectives based on hexavalent chromium.

\* - Construction Worker Inhalation Objective from Appendix B, Table B.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003 19010622-004 19010622-005 19010622-006 19010622-007

Client Sample ID : A-18 A-19 A-20 A-21 A-22 A-23 A-24

Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30 01/23/2019 06:45 01/23/2019 07:00 01/23/2019 07:15 01/23/2019 07:30

|      |                        |         | ntration of Che<br>Background Se |             |                |         |         |                    | ·       |         |         |
|------|------------------------|---------|----------------------------------|-------------|----------------|---------|---------|--------------------|---------|---------|---------|
|      | Analyte                | City of |                                  | Outside MSA |                |         |         |                    |         |         |         |
| NA   | Acenaphthene           | 0.09    | 0.13                             | 0.04        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Acenaphthylene         | 0.03    | 0.07                             | 0.04        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Anthracene             | 0.25    | 0.40                             | 0.14        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Benz(a)anthracene      | 1.1     | 1.8                              | 0.72        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Benzo(a)pyrene         | 1.3     | 2.1                              | 0.98        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Benzo(b)fluoranthene   | 1.5     | 2.1                              | 0.70        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Benzo(g,h,i)perylene   | 0.68    | 1.7                              | 0.84        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Benzo(k)fluoranthene   | 0.99    | 1.7                              | 0.63        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Chrysene               | 1.2     | 2.7                              | 1.1         | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Dibenz(a,h)anthracene  | 0.20    | 0.42                             | 0.15        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Fluoranthene           | 2.7     | 4.1                              | 1.8         | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Fluorene               | 0.10    | 0.18                             | 0.04        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Indeno(1,2,3-cd)pyrene | 0.86    | 1.6                              | 0.51        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Naphthalene            | 0.04    | 0.20                             | 0.17        | 0.41           | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Phenanthrene           | 1.3     | 2.5                              | 0.99        | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
|      | Pyrene                 | 1.9     | 3.0                              | 1.2         | < 0.039        | < 0.043 | < 0.043 | < 0.041            | < 0.041 | < 0.043 | < 0.040 |
| NORG | Aluminum               |         | 9,500                            | 9,200       | 13000          | 15000   | 14000   | 13000              | 18000   | 19000   | 17000   |
|      | Antimony               | 1       | 4.0                              | 3.3         | < 2.0          | < 2.4   | < 2.3   | < 2.2              | < 2.2   | < 2.3   | < 2.2   |
|      | Arsenic                |         | 13.0                             | 11.3        | 4.7            | 4.3     | 3.9     | 5.2                | 11      | 6.8     | 6.1     |
|      | Barium                 |         | 110                              | 122         | 30             | 60      | 71      | 74                 | 76      | 78      | 120     |
|      | Beryllium              |         | 0.59                             | 0.56        | 0.70           | 0.80    | 0 82    | 0.70               | 1:0     | 1!1     | 0.98    |
|      | Cadmium                |         | 0.6                              | 0.50        | < 0.51         | < 0.59  | < 0.58  | < 0.56             | < 0.54  | < 0.58  | < 0.55  |
|      | Calcium                |         | 9,300                            | 5,525       | 7.7000         | 52000   | 47000   | 70000              | 76000   | 66000   | 80000   |
|      | Chromium               |         | 16.2                             | 13.0        | 24             | 28      | 28      | 26                 | 35      | 38      | 33      |
|      | Cobalt                 |         | 8.9                              | 8.9         | بطوية المكافئة | 1745    | 5       | 19                 | 21      | 27      | 18      |
|      | Copper                 | 1       | 19.6                             | 12.0        | 30             | 26      | 4       | 30 <b>30 30 30</b> | 391     | 32      | 37      |
|      | Cyanide                |         | 0.51                             | 0.50        | < 0.30         | < 0.33  | < 0.33  | < 0.31             | < 0.31  | < 0.33  | < 0.31  |
|      | Iron                   |         | 15,900                           | 15,000      | 24000          | 26000   | 25000   | 25000              | 33000   | 34000   | 35000   |
|      | Lead                   |         | 36.0                             | 20.9        | 14             | 15      | 14      | 15                 | 17      | 20      | 17      |
|      | Magnesium              |         | 4,820                            | 2,700       | 38000          | 25000   | 22000   | 34000              | 37000   | 31000   | 39000   |
|      | Manganese              |         | 636                              | 630         | 480            | 380     | 350     | 510                | 600     | 500     | 640     |
|      | Mercury                |         | 0.06                             | 0.05        | < 0.021        | 0.029   | 0.027   | 0.024              | < 0.022 | 0.023   | 0.026   |
|      | Nickel                 |         | 18.0                             | 13.0        | 33             | 47      | 43      | 45                 | 56      | 70      | 50      |
|      | Potassium              |         | 1,268                            | 1,100       | 2900           | 3400    | 3300    | 3100               | 4700    | 4900    | 4000    |
|      | Selenium               |         | 0.48                             | 0.37        | < 1.0          | < 1.2   | < 1.2   | < 1.1              | < 1.1   | 1!5     | < 1.1   |
|      | Silver                 |         | 0.55                             | 0.50        | < 1.0          | < 1.2   | < 1.2   | < 1.1              | < 1.1   | < 1.2   | < 1.1   |
|      | Sodium                 |         | 130                              | 130.0       | 180            | 150     | 40      | 150                | 200     | 200     | 190     |
|      | Thallium               |         | 0.32                             | 0.42        | < 1.0          | < 1.2   | < 1.2   | < 1.1              | < 1.1   | < 1.2   | < 1.1   |
|      | Vanadium               |         | 25.2                             | 25.0        | 29             | 27      | 7,000   | 26                 | 36      | 37      | 32      |
|      | Zinc                   |         | 95.0                             | 60.2        | 56             | 56      | 56      | 56                 | 69      | 74      | 69      |

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-008 19010622-009 19010622-010 19010622-011 19010622-012 19010622-013 19010622-014 Client Sample ID: A-25 A-26 A-27 A-28 A-29 A-30 A-31 Date Collected: 01/23/2019 07:45 01/23/2019 08:00 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45 01/23/2019 09:00 01/23/2019 09:15

|       |                        | Conce   | ntration of Che | emicals in  |         |         |         |         |           | •       |         |
|-------|------------------------|---------|-----------------|-------------|---------|---------|---------|---------|-----------|---------|---------|
|       |                        |         | Background Sc   |             |         |         |         |         |           |         |         |
|       |                        | City of | - Contraction   |             |         |         |         |         |           |         |         |
|       | Analyte                | Chicago | Within MSA      | Outside MSA |         |         |         |         |           |         |         |
| PNA   | Acenaphthene           | . 0.09  | 0.13            | 0.04        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Acenaphthylene         | 0.03    | 0.07            | 0.04        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Anthracene             | 0.25    | 0.40            | 0.14        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Benz(a)anthracene      | 1.1     | 1.8             | 0.72        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | . < 0.040 | < 0.041 | < 0.040 |
|       | Benzo(a)pyrene         | 1.3     | 2.1             | 0.98        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Benzo(b)fluoranthene   | 1.5     | 2.1             | 0.70        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Benzo(g,h,i)perylene   | 0.68    | 1.7             | 0.84        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Benzo(k)fluoranthene   | 0.99    | 1.7             | 0.63        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Chrysene               | 1.2     | 2.7             | 1.1         | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Dibenz(a,h)anthracene  | 0.20    | 0.42            | 0.15        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Fluoranthene           | 2.7     | 4.1             | 1.8         | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Fluorene               | 0.10    | 0.18            | 0.04        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Indeno(1,2,3-cd)pyrene | 0.86    | 1.6             | 0.51        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Naphthalene            | 0.04    | 0.20            | 0.17        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Phenanthrene           | 1.3     | 2.5             | 0.99        | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
|       | Pyrene                 | 1.9     | 3.0             | 1.2         | < 0.037 | < 0.040 | < 0.039 | < 0.038 | < 0.040   | < 0.041 | < 0.040 |
| INORG | Aluminum               |         | 9,500           | 9,200       | 13000   | 12000   | 15000   | 14000   | 16000     | 14000   | 16000   |
|       | Antimony               |         | 4.0             | 3.3         | < 1.9   | < 2.2   | < 2.2   | < 2.1   | < 2.2     | < 2.2   | < 2.1   |
|       | Arsenic                |         | 13.0            | 11.3        | 13      | 13      | 8.0     | 7.0     | 11        | 11      | 11      |
|       | Barium                 |         | 110             | 122         | 39      | 39 ·    | . 63    | 73      | 69        | 46      | 79      |
|       | Beryllium              |         | 0.59            | 0.56        | 0.76    | 0.76    | 0.86    | 0.83    | 0.88      | 0.95    | 0.90    |
|       | Cadmium                |         | 0.6             | 0.50        | < 0.49  | < 0.55  | < 0.54  | < 0.54  | < 0.55    | < 0.55  | < 0.53  |
|       | Calcium                |         | . 9,300         | 5,525       | 70000   | 58000   | 71000   | 76000   | 97000     | 54000   | 73000   |
|       | Chromium               |         | 16.2            | 13.0        | 26      | 231     | 130     | 34      | 31        | 27      | 29      |
|       | Cobalt                 |         | 8.9             | 8.9         | 17      | 9.4     | 116     | 14:     | 21        | 18      | 19      |
|       | Copper                 |         | 19.6            | 12.0        | 33      | 45      | 132     | 30      | 39        | 54      | 33      |
|       | Cyanide                |         | 0.51            | 0.50        | < 0.28  | < 0.31  | < 0.30  | < 0.29  | < 0.31    | < 0.31  | < 0.31  |
|       | Iron                   | ·       | 15,900          | 15,000      | 27000   | 30000   | 28000   | 32000   | 32000     | 39000   | 31000   |
|       | Lead                   |         | 36.0            | 20.9        | 16      | 24      | 15      | 17_     | 18        | 26      | 16      |
|       | Magnesium              |         | 4,820           | 2,700       | 35000   | 29000   | 35000   | 37000   | 45000     | 27000   | 35000   |
|       | Manganese              |         | 636             | 630         | 520     | 310     | 530     | 490     | 670       | 450     | 620     |
|       | Mercury                |         | 0.06            | 0.05        | 0.025   | 0.027   | 0.026   | 0.027   | 0.029     | 0.030   | 0.022   |
|       | Nickel                 |         | 18.0            | 13.0        | 44      | 34      | [44     | 44      | 54        | 57      | 49      |
|       | Potassium              |         | 1,268           | 1,100       | 3300    | 2700    | 3900    | 3200    | 3800      | 3000    | 3700    |
|       | Selenium               |         | 0.48            | 0.37        | < 0.97  | < 1.1   | < 1.1   | < 1.1   | 1!2       | 1!9     | 111     |
|       | Silver                 |         | 0.55            | 0.50        | < 0.97  | < 1.1   | < 1.1   | < 1.1   | < 1.1     | < 1.1   | < 1.1   |
|       | Sodium                 |         | 130             | 130.0       | 230     | 200     | 360     | 350     | 240       | 680     | 350     |
|       | Thallium               |         | 0.32            | 0.42        | < 0.97  | < 1.1   | < 1.1   | < 1.1   | < 1.1     | < 1.1   | < 1.1   |
|       | Vanadium               |         | 25.2            | 25.0        | 261     | 29      | 30      | 28      | 33        | 31      | 30      |
|       | Zinc                   |         | 95.0            | 60.2        | 57      | 53      | 60      | 63      | 68        | 98      | 66      |

MSA - Metropolitan Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-015 19010622-016 19010622-017
Client Sample ID: A-32 A-33 A-34
Date Collected: 01/23/2019 09:30 01/23/2019 09:45 01/23/2019 10:00

|       |                        |                 | stration of Che |             |         |         |         |
|-------|------------------------|-----------------|-----------------|-------------|---------|---------|---------|
|       | Analyte                | City of Chicago | Within MSA      | Outside MSA |         |         |         |
| PNA   | Acenaphthene           | 0.09            | 0.13            | 0.04        | < 0.040 | < 0.040 | < 0.040 |
|       | Acenaphthylene         | 0.03            | 0.07            | 0.04        | < 0.040 | < 0.040 | < 0.040 |
|       | Anthracene             | 0.25            | 0.40            | 0.14        | < 0.040 | < 0.040 | < 0.040 |
|       | Benz(a)anthracene      | 1.1             | 1.8             | 0.72        | < 0.040 | < 0.040 | < 0.040 |
|       | Benzo(a)pyrene         | 1.3             | 2.1             | 0.98        | < 0.040 | < 0.040 | < 0.040 |
|       | Benzo(b)fluoranthene   | 1.5             | 2.1             | 0.70        | < 0.040 | < 0.040 | < 0.040 |
|       | Benzo(g,h,i)perylene   | 0.68            | 1.7             | 0.84        | < 0.040 | < 0.040 | < 0.040 |
|       | Benzo(k)fluoranthene   | 0.99            | 1.7             | 0.63        | < 0.040 | < 0.040 | < 0.040 |
|       | Chrysene               | 1.2             | 2.7             | 1.1         | < 0.040 | < 0.040 | < 0.040 |
|       | Dibenz(a,h)anthracene  | 0.20            | 0.42            | 0.15        | < 0.040 | < 0.040 | < 0.040 |
|       | Fluoranthene           | 2.7             | 4.1             | 1.8         | < 0.040 | < 0.040 | < 0.040 |
|       | Fluorene               | 0.10            | 0.18            | 0.04        | < 0.040 | < 0.040 | < 0.040 |
|       | Indeno(1,2,3-cd)pyrene | 0.86            | 1.6             | 0.51        | < 0.040 | < 0.040 | < 0.040 |
|       | Naphthalene            | 0.04            | 0.20            | 0.17        | < 0.040 | < 0.040 | < 0.040 |
|       | Phenanthrene           | 1.3             | 2.5             | 0.99        | < 0.040 | < 0.040 | < 0.040 |
|       | Pyrene                 | 1.9             | 3.0             | 1.2         | < 0.040 | < 0.040 | < 0.040 |
| INORG | Aluminum               |                 | 9,500           | 9,200       | 15000   | 16000   | 14000   |
|       | Antimony               |                 | 4.0             | 3.3         | < 2.0   | < 2.3   | < 2.3   |
|       | Arsenic                |                 | 13.0            | 11.3        | 6.6     | 10      | 9.0     |
|       | Barium                 |                 | 110             | 122         | 63      | 87      | 91      |
|       | Beryllium              |                 | 0.59            | 0.56        | 0.79    | 0.86    | 0.85    |
|       | Cadmium                |                 | 0.6             | 0.50        | < 0.51  | < 0.57  | < 0.56  |
|       | Calcium                |                 | 9,300           | 5,525       | 74000   | 81000   | 79000   |
|       | Chromium               |                 | 16.2            | 13.0        | 27.     | 31      | 28      |
|       | Cobalt                 |                 | 8.9             | 8.9         | 15      | 20      | 19      |
|       | Copper                 |                 | 19.6            | 12.0        | 29      | 34      | 32      |
|       | Cyanide                |                 | 0.51            | 0.50        | < 0.31  | < 0.31  | < 0.31  |
|       | Iron                   |                 | 15,900          | 15,000      | 28000   | 29000   | 27000   |
|       | Lead                   |                 | 36.0            | 20.9        | 15      | 17      | 15      |
|       | Magnesium              |                 | 4,820           | 2,700       | 33000   | 38000   | 37000   |
|       | Manganese              |                 | 636             | 630         | 530     | 570     | 550     |
|       | Mercury                |                 | 0.06            | 0.05        | 0.024   | 0.025   | 0.024   |
|       | Nickel                 |                 | 18.0            | 13.0        | 42      | 50      | 46      |
|       | Potassium              |                 | 1,268           | 1,100       | 2600    | 3900    | 3700    |
|       | Selenium               |                 | 0.48            | 0.37        | < 1.0   | < 1.1   | < 1.1   |
|       | Silver                 |                 | 0.55            | 0.50        | < 1.0   | < 1.1   | < 1.1   |
|       | Sodium                 |                 | 130             | 130.0       | 740     | 240     | 250     |
|       | Thallium               |                 | 0.32            | 0.42        | < 1.0   | < 1.1   | < 1.1   |
|       | Vanadium               |                 | 25.2            | 25.0        | 27      | 31      | 30      |
|       | Zinc                   |                 | 95.0            | 60.2        | 64      | 69      | 60      |

MSA - Metropolitan Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-001 19010622-002 19010622-003
Client Sample ID: A-18 A-19 A-20
Date Collected: 01/23/2019 06:00 01/23/2019 06:15 01/23/2019 06:30

|       |            |                            | Soil Saturation Limits for Chemicals With<br>Melting Point < 30°C |  |          |          |          |
|-------|------------|----------------------------|---|--|----------|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value                        | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)  | C <sub>sat</sub> (mg/Kg)                                     |          |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000   | 200,000  | < 0.070  | 0.097    | 0.17     |
|       | 71-43-2    | Benzene                    | 800   | 580  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 75-27-4    | Bromodichloromethane       | 2,800   | 2,000  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 75-25-2    | Bromoform                  | 2,000   | 1,200  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 74-83-9    | Bromomethane               | 3,100   | 3,600  | < 0.0093 | < 0.013  | < 0.010  |
|       | 78-93-3    | 2-Butanone                 | 25,000  | 45,000   | < 0.070  | < 0.097  | < 0.078  |
|       | 75-15-0    | Carbon disulfide           | 850   | 520  | < 0.046  | < 0.064  | < 0.052  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200   | 560  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 108-90-7   | Chlorobenzene              | 620   | 290  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 67-66-3    | Chloroform                 | 3,400   | 2,500  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 124-48-1   | Dibromochloromethane       | 1,400   | 890  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700   | 1,400  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900   | 2,100  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400   | 910  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300   | 1,000  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000   | 2,100  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200   | 870  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000   | 850  | < 0.0019 | < 0.0026 | < 0.0021 |
|       |            | trans-1,3-Dichloropropene  | 1,000   | 850  | < 0.0019 | < 0.0026 | < 0.0021 |
|       | 100-41-4   | Ethylbenzene               | 350   | 150  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 75-09-2    | Methylene chloride         | 2,500   | 3,000  | < 0.0093 | < 0.013  | < 0.010  |
|       |            | Methyl tert-butyl ether    | 8,400   | 11,000   | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 100-42-5   | Styrene                    | 630   | 260  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 127-18-4   | Tetrachloroethene          | 800   | 310  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 108-88-3   | Toluene                    | 580   | 290  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300   | 670  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800   | 1,300  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 79-01-6    | Trichloroethene            | 1,200   | 650  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 75-01-4    | Vinyl chloride             | 2,600   | 2,900  | < 0.0046 | < 0.0064 | < 0.0052 |
|       | 1330-20-7  | Xylenes, Total             | 280   | 110  | < 0.014  | < 0.019  | < 0.016  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340   | 120  | < 0.20   | < 0.22   | < 0.22   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560   | 210  | < 0.20   | < 0.22   | < 0.22   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000  | 4,700  | < 0.20   | < 0.22   | < 0.22   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000  | 7,100  | < 0.20   | < 0.22   | < 0.22   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000   | 3,900  | < 0.20   | < 0.22   | < 0.22   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200   | 68   | < 0.99   | < 1.1    | < 1.1    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000   | 340  | < 0.20   | < 0.22   | < 0.22   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600   | 880  | < 0.20   | < 0.22   | < 0.22   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16  | 5.2  | < 0.20   | < 0.22   | < 0.22   |
|       | 84-66-2    | Diethyl phthalate          | 2,200   | 920  | < 0.20   | < 0.22   | < 0.22   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130   | 44   | < 0.20   | < 0.22   | < 0.22   |
|       | 78-59-1    | Isophorone                 | 3,000   | 3,000  | < 0.20   | < 0.22   | < 0.22   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900   | 2,300  | < 0.039  | < 0.043  | < 0.043  |
|       | 98-95-3    | Nitrobenzene               | 710   | 590  | < 0.039  | < 0.043  | < 0.043  |
| INORG | 7439-97-6  | Mercury                    | 3.1   | N/A  | < 0.021  | 0.029    | 0.027    |

Project: Franklin - EB

Laboratory: STAT ANALYSIS

19010622-005 19010622-006 Laboratory ID: 19010622-004 Client Sample ID : A-21 A-22 A-23

Date Collected: 01/23/2019 06:45 01/23/2019 07:00 01/23/2019 07:15

|       |           |                            | Soil Saturation Limit<br>Melting Po        |  |          |          |          |
|-------|-----------|----------------------------|--|--|----------|----------|----------|
|       |           |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.   | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |          |
| VOC   | 67-64-1   | Acetone                    | 100,000                                    | 200,000  | 0.12     | 0.10     | 0.18     |
|       | 71-43-2   | Benzene                    | 800  | 580  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 75-27-4   | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 75-25-2   | Bromoform                  | 2,000                                      | 1,200  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 74-83-9   | Bromomethane               | 3,100                                      | 3,600  | < 0.012  | < 0.012  | < 0.011  |
|       | 78-93-3   | 2-Butanone                 | 25,000                                     | 45,000   | < 0.087  | < 0.089  | < 0.085  |
|       | 75-15-0   | Carbon disulfide           | 850  | 520  | < 0.058  | < 0.059  | < 0.057  |
|       | 56-23-5   | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 108-90-7  | Chlorobenzene              | 620  | 290  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 67-66-3   | Chloroform                 | 3,400                                      | 2,500  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 124-48-1  | Dibromochloromethane       | 1,400                                      | 890  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 75-34-3   | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 107-06-2  | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 75-35-4   | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 156-59-2  | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 156-60-5  | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 78-87-5   | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0058 | < 0.0059 | < 0.0057 |
|       |           | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0023 | < 0.0024 | < 0.0023 |
|       |           | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0023 | < 0.0024 | < 0.0023 |
|       | 100-41-4  | Ethylbenzene               | 350  | 150  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 75-09-2   | Methylene chloride         | 2,500                                      | 3,000  | < 0.012  | < 0.012  | < 0.011  |
|       | 1634-04-4 | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 100-42-5  | Styrene                    | 630  | 260  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 127-18-4  | Tetrachloroethene          | 800  | 310  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 108-88-3  | Toluene                    | 580  | 290  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 71-55-6   | 1.1.1-Trichloroethane      | 1,300                                      | 670  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 79-00-5   | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 79-01-6   | Trichloroethene            | 1,200                                      | 650  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 75-01-4   | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0058 | < 0.0059 | < 0.0057 |
|       | 1330-20-7 | Xylenes, Total             | 280  | 110  | < 0.017  | < 0.018  | < 0.017  |
| svoc  | 120-82-1  | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   | < 0.22   |
| 0.00  | 95-50-1   | 1.2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   | < 0.22   |
|       | 105-67-9  | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   | < 0.22   |
|       | 95-57-8   | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   | < 0.22   |
|       | 111-44-4  | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   | < 0.22   |
|       | 117-81-7  | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    | < 1.1    |
|       | 85-68-7   | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   | < 0.22   |
|       | 84-74-2   | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   | < 0.22   |
|       | 117-84-0  | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   | < 0.22   |
|       | 84-66-2   | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   | < 0.22   |
| •     | 77-47-4   | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   | < 0.22   |
|       | 78-59-1   | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   | < 0.22   |
|       |           | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.041  | < 0.041  | < 0.043  |
|       | 98-95-3   | Nitrobenzene               | 710  | 590  | < 0.041  | < 0.041  | < 0.043  |
| DIODO | 7439-97-6 |                            | 3.1  | N/A  | 0.024    | < 0.041  | 0.023    |
| INOKO | /437-7/-0 | ivicicury                  | 3.1  | IV/A   | 0.024    | V.U22    | V.023    |

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-007 19010622-008 19010622-009
Client Sample ID: A-24 A-25 A-26
Date Collected: 01/23/2019 07:30 01/23/2019 07:45 01/23/2019 08:00

|       |                     |   |  | ts for Chemicals With<br>oint < 30°C                         |          |          |          |
|-------|---------------------|---|--|--|----------|----------|----------|
|       |                     |   | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.             | Analyte                                   | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |          |
| VOC   | 67-64-1             | Acetone                                   | 100,000                                    | 200,000  | 0.13     | < 0.076  | < 0.097  |
|       | 71-43-2             | Benzene                                   | 800  | 580  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 75-27-4             | Bromodichloromethane                      | 2,800                                      | 2,000  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 75-25-2             | Bromoform                                 |  | 1,200  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 74-83-9             | Bromomethane                              | 3,100                                      | 3,600  | < 0.011  | < 0.010  | < 0.013  |
|       | 78-93-3             | 2-Butanone                                | 25,000                                     | 45,000   | < 0.081  | < 0.076  | < 0.097  |
|       | 75-15-0             | Carbon disulfide                          | 850  | 520  | < 0.054  | < 0.051  | < 0.065  |
|       | 56-23-5             | Carbon tetrachloride                      | 1,200                                      | 560  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 108-90-7            | Chlorobenzene                             | 620  | 290  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 67-66-3             | Chloroform                                | 3,400                                      | 2,500  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 124-48-1            | Dibromochloromethane                      | 1,400                                      | 890  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 75-34-3             | 1,1-Dichloroethane                        | 1,700                                      | 1,400  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 107-06-2            | 1,2-Dichloroethane                        | 1,900                                      | 2,100  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 75-35-4             | 1,1-Dichloroethene                        | 1,400                                      | 910  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 156-59-2            | cis-1,2-Dichloroethene                    | 1,300                                      | 1,000  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 156-60-5            | trans-1,2-Dichloroethene                  | 3,000                                      | 2,100  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 78-87-5             | 1,2-Dichloropropane                       | 1,200                                      | 870  | < 0.0054 | < 0.0051 | < 0.0065 |
|       |                     | cis-1,3-Dichloropropene                   | 1,000                                      | 850  | < 0.0021 | < 0.0020 | < 0.0026 |
|       |                     | trans-1,3-Dichloropropene                 | 1,000                                      | 850  | < 0.0021 | < 0.0020 | < 0.0026 |
|       | 100-41-4            | Ethylbenzene                              | 350  | 150  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 75-09-2             | Methylene chloride                        | 2,500                                      | 3,000  | < 0.011  | < 0.010  | < 0.013  |
|       | 1634-04-4           | Methyl tert-butyl ether                   | 8,400                                      | 11,000   | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 100-42-5            | Styrene                                   | 630  | 260  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 127-18-4            | Tetrachloroethene                         | 800  | 310  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 108-88-3            | Toluene                                   | 580  | 290  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 71-55-6             | 1,1,1-Trichloroethane                     | 1,300                                      | 670  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 79-00-5             | 1.1.2-Trichloroethane                     | 1,800                                      | 1,300  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 79-01-6             | Trichloroethene                           | 1,200                                      | 650  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 75-01-4             | Vinyl chloride                            | 2,600                                      | 2,900  | < 0.0054 | < 0.0051 | < 0.0065 |
|       | 1330-20-7           | Xylenes, Total                            | 280  | 110  | < 0.016  | < 0.015  | < 0.019  |
| svoc  | 120-82-1            | 1,2,4-Trichlorobenzene                    | 340  | 120  | < 0.21   | < 0.19   | < 0.20   |
| 0100  | 95-50-1             | 1,2-Dichlorobenzene                       | 560  | 210  | < 0.21   | < 0.19   | < 0.20   |
|       | 105-67-9            | 2,4-Dimethylphenol                        | 10,000                                     | 4,700  | < 0.21   | < 0.19   | < 0.20   |
|       | 95-57-8             | 2-Chlorophenol                            | 10,000                                     | 7,100  | < 0.21   | < 0.19   | < 0.20   |
|       | 111-44-4            | Bis(2-chloroethyl)ether                   | 3,000                                      | 3,900  | < 0.21   | < 0.19   | < 0.20   |
|       | 117-81-7            | Bis(2-ethylhexyl)phthalate                | 200  | 68   | < 1.0    | < 0.92   | < 0.99   |
|       | 85-68-7             | Butyl benzyl phthalate                    | 1,000                                      | 340  | < 0.21   | < 0.19   | < 0.20   |
|       | 84-74-2             | Di-n-butyl phthalate                      | 2,600                                      | 880  | < 0.21   | < 0.19   | < 0.20   |
|       | 117-84-0            | Di-n-outyl phthalate                      | 16   | 5.2  | < 0.21   | < 0.19   | < 0.20   |
|       | 84-66-2             | Diethyl phthalate                         | 2,200                                      | 920  | < 0.21   | < 0.19   | < 0.20   |
|       | 77-47-4             |   | 130  | 44   | < 0.21   | < 0.19   | < 0.20   |
|       | 77-47-4<br>78-59-1  | Hexachlorocyclopentadiene                 | 3,000                                      | 3,000  | < 0.21   | < 0.19   | < 0.20   |
|       |                     | Isophorone                                | 1,900                                      | 2,300  | < 0.040  | < 0.13   | < 0.040  |
|       | 621-64-7<br>98-95-3 | N-Nitrosodi-n-propylamine<br>Nitrobenzene |  | 590  | < 0.040  | < 0.037  | < 0.040  |
| BIORG |                     |   | 710<br>3.1                                 | N/A  | 0.026    | 0.025    | 0.027    |
| INORG | 7439-97-6           | Intercury                                 | J.1  | 11//4  | 0.020    | 0.023    | 0.027    |

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-010 19010622-011 19010622-012
Client Sample ID: A-27 A-28 A-29
Date Collected: 01/23/2019 08:15 01/23/2019 08:30 01/23/2019 08:45

|       |           |                            |  | ts for Chemicals With<br>bint < 30°C                         |          |          |          |
|-------|-----------|----------------------------|--|--|----------|----------|----------|
|       |           |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.   | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     | -        |          |          |
| VOC   | 67-64-1   | Acetone                    | 100,000                                    | 200,000  | < 0.082  | < 0.071  | < 0.075  |
|       | 71-43-2   | Benzene                    | 800  | 580  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 75-27-4   | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 75-25-2   | Bromoform                  | 2,000                                      | 1,200  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 74-83-9   | Bromomethane               | 3,100                                      | 3,600  | < 0.011  | < 0.0094 | < 0.010  |
|       | 78-93-3   | 2-Butanone                 | 25,000                                     | 45,000   | < 0.082  | < 0.071  | < 0.075  |
|       | 75-15-0   | Carbon disulfide           | 850  | 520  | < 0.054  | < 0.047  | < 0.050  |
|       | 56-23-5   | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 108-90-7  | Chlorobenzene              | 620  | 290  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 67-66-3   | Chloroform                 | 3,400                                      | 2,500  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 124-48-1  | Dibromochloromethane       | 1,400                                      | 890  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 75-34-3   | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 107-06-2  | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 75-35-4   | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 156-59-2  | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 156-60-5  | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 78-87-5   | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0054 | < 0.0047 | < 0.0050 |
|       |           | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0022 | < 0.0019 | < 0.0020 |
|       |           | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0022 | < 0.0019 | < 0.0020 |
|       | 100-41-4  | Ethylbenzene               | 350  | 150  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 75-09-2   | Methylene chloride         | 2,500                                      | 3,000  | < 0.011  | < 0.0094 | < 0.010  |
|       |           | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 100-42-5  | Styrene                    | 630  | 260  | < 0.0054 | < 0.0047 | < 0.0050 |
| •     | 127-18-4  | Tetrachloroethene          | 800  | 310  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 108-88-3  | Toluene                    | 580  | 290  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 71-55-6   | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 79-00-5   | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 79-01-6   | Trichloroethene            | 1,200                                      | 650  | < 0.0054 | < 0.0047 | < 0.0050 |
|       | 75-01-4   | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0054 | < 0.0047 | < 0.0050 |
|       |           | Xylenes, Total             | 280  | 110  | < 0.016  | < 0.014  | < 0.015  |
| svoc  | 120-82-1  | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.20   | < 0.20   | < 0.21   |
|       | 95-50-1   | 1,2-Dichlorobenzene        | 560  | 210  | < 0.20   | < 0.20   | < 0.21   |
|       |           | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.20   | < 0.20   | < 0.21   |
|       | 95-57-8   | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.20   | < 0.20   | < 0.21   |
|       |           | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.20   | < 0.20   | < 0.21   |
|       | 117-81-7  | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 0.99   | < 0.96   | < 1.0    |
|       | 85-68-7   | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.20   | < 0.20   | < 0.21   |
|       | 84-74-2   | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.20   | < 0.20   | < 0.21   |
|       | 117-84-0  | Di-n-octyl phthalate       | 16   | 5.2  | < 0.20   | < 0.20   | < 0.21   |
|       | 84-66-2   | Diethyl phthalate          | 2,200                                      | 920  | < 0.20   | < 0.20   | < 0.21   |
|       | 77-47-4   | Hexachlorocyclopentadiene  | 130  | 44   | < 0.20   | < 0.20   | < 0.21   |
|       | 78-59-1   | Isophorone                 | 3,000                                      | 3,000  | < 0.20   | < 0.20   | < 0.21   |
|       |           | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.039  | < 0.038  | < 0.040  |
|       | 98-95-3   | Nitrobenzene               | 710  | 590  | < 0.039  | < 0.038  | < 0.040  |
| INORG | 7439-97-6 | Mercury                    | 3.1  | N/A  | 0.026    | 0.027    | 0.029    |

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-013 19010622-014 19010622-015
Client Sample ID: A-30 A-31 A-32
Date Collected: 01/23/2019 09:00 01/23/2019 09:15 01/23/2019 09:30

|       |            |                            |  | ts for Chemicals With<br>bint < 30°C                         |          |          |          |
|-------|------------|----------------------------|--|--|----------|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.088  | < 0.096  | < 0.078  |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.012  | < 0.013  | < 0.010  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.088  | < 0.096  | < 0.078  |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.059  | < 0.064  | < 0.052  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0024 | < 0.0026 | < 0.0021 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0024 | < 0.0026 | < 0.0021 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.012  | < 0.013  | < 0.010  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0059 | < 0.0064 | < 0.0052 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.018  | < 0.019  | < 0.016  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   | < 0.20   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   | < 0.20   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   | < 0.20   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   | < 0.20   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   | < 0.20   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   | < 0.20   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   | < 0.20   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   | < 0.20   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   | < 0.20   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   | < 0.20   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   | < 0.20   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.041  | < 0.040  | < 0.040  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.041  | < 0.040  | < 0.040  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | 0.030    | 0.022    | 0.024    |

Project: Franklin - EB

Laboratory: STAT ANALYSIS

Laboratory ID: 19010622-016 19010622-017
Client Sample ID: A-33 A-34
Date Collected: 01/23/2019 09:45 01/23/2019 10:00

|       |           |                            |  | ts for Chemicals With<br>oint < 30°C                         |          |          |
|-------|-----------|----------------------------|--|--|----------|----------|
|       |           |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.   | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1   | Acetone                    | 100,000                                    | 200,000  | < 0.069  | < 0.071  |
|       | 71-43-2   | Benzene                    | 800  | 580  | < 0.0046 | < 0.0047 |
|       | 75-27-4   | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0046 | < 0.0047 |
|       | 75-25-2   | Bromoform                  | 2,000                                      | 1,200  | < 0.0046 | < 0.0047 |
|       | 74-83-9   | Bromomethane               | 3,100                                      | 3,600  | < 0.0092 | < 0.0095 |
|       | 78-93-3   | 2-Butanone                 | 25,000                                     | 45,000   | < 0.069  | < 0.071  |
|       | 75-15-0   | Carbon disulfide           | 850  | 520  | < 0.046  | < 0.047  |
|       | 56-23-5   | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0046 | < 0.0047 |
|       | 108-90-7  | Chlorobenzene              | 620  | 290  | < 0.0046 | < 0.0047 |
|       | 67-66-3   | Chloroform                 | 3,400                                      | 2,500  | < 0.0046 | < 0.0047 |
|       | 124-48-1  | Dibromochloromethane       | 1,400                                      | 890  | < 0.0046 | < 0.0047 |
|       | 75-34-3   | 1.1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0046 | < 0.0047 |
|       | 107-06-2  | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0046 | < 0.0047 |
|       | 75-35-4   | 1.1-Dichloroethene         | 1,400                                      | 910  | < 0.0046 | < 0.0047 |
|       | 156-59-2  | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0046 | < 0.0047 |
|       | 156-60-5  | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0046 | < 0.0047 |
|       | 78-87-5   | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0046 | < 0.0047 |
|       |           | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0018 | < 0.0019 |
|       |           | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0018 | < 0.0019 |
|       | 100-41-4  | Ethylbenzene               | 350  | 150  | < 0.0046 | < 0.0047 |
| •     | 75-09-2   | Methylene chloride         | 2,500                                      | 3,000  | < 0.0092 | < 0.0095 |
|       | 1634-04-4 | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0046 | < 0.0047 |
|       | 100-42-5  | Styrene                    | 630  | 260  | < 0.0046 | < 0.0047 |
|       | 127-18-4  | Tetrachloroethene          | 800  | 310  | < 0.0046 | < 0.0047 |
|       | 108-88-3  | Toluene                    | 580  | 290  | < 0.0046 | < 0.0047 |
|       | 71-55-6   | 1.1.1-Trichloroethane      | 1,300                                      | 670  | < 0.0046 | < 0.0047 |
|       | 79-00-5   | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0046 | < 0.0047 |
|       | 79-01-6   | Trichloroethene            | 1,200                                      | 650  | < 0.0046 | < 0.0047 |
|       | 75-01-4   | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0046 | < 0.0047 |
|       | 1330-20-7 | Xylenes, Total             | 280  | 110  | < 0.014  | < 0.014  |
| SVOC  | 120-82-1  | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   |
|       | 95-50-1   | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   |
|       | 105-67-9  | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   |
|       | 95-57-8   | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   |
|       | 111-44-4  | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   |
|       | 117-81-7  | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    |
|       | 85-68-7   | Butyl benzyl phthalate     | 1.000                                      | 340  | < 0.21   | < 0.21   |
|       | 84-74-2   | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   |
|       | 117-84-0  | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   |
|       | 84-66-2   | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   |
|       | 77-47-4   | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   |
|       | 78-59-1   | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   |
|       | 621-64-7  | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.040  | < 0.040  |
|       | 98-95-3   | Nitrobenzene               | 710  | 590  | < 0.040  | < 0.040  |
| INORG | 7439-97-6 | Mercury                    | 3.1  | N/A  | 0.025    | 0.024    |
| MORO  | 1433-51-0 | Interesty                  | 3.1  | 1971   | 0.023    | 0.02     |

#### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

|       |                     |               | Concentration  | TACO Tier 1 |                            |
|-------|---------------------|---------------|----------------|-------------|----------------------------|
| Test  | Chemical            | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway           |
|       |                     | A-18          | 0.41           | 0.20        | Within MSA Background      |
| PNA   | Naphthalene         |               |                | 0.17        | Outside MSA Background     |
|       |                     |               |                | 0.04        | City of Chicago Background |
| SVOC  | 2-Methylnaphthalene | A-18          | 0.29           | 0.14        | Within MSA Background      |
|       |                     | A-18          | 13000          | 9,500       | Within MSA Background      |
|       |                     | A-19          | 15000          | 9,200       | Outside MSA Background     |
|       |                     | A-20          | 14000          | 1 1         |                            |
|       |                     | A-21          | 13000          | 1           |                            |
|       |                     | A-22          | 18000          | 1           |                            |
|       |                     | A-23          | 19000          | 1           |                            |
|       |                     | A-24          | 17000          | 1 1         |                            |
|       |                     | A-25          | 13000          | ]           |                            |
| INORG | Aluminum            | A-26          | 12000          | i 1         |                            |
|       |                     | A-27          | 15000          | 1           |                            |
| 1     |                     | A-28          | 14000          | 1           |                            |
|       |                     | A-29          | 16000          |             |                            |
|       |                     | A-30          | 14000          | ]           |                            |
|       |                     | A-31          | 16000          | 1           |                            |
|       |                     | A-32          | 15000          | 1 1         |                            |
|       |                     | A-33          | 16000          | 1           |                            |
|       |                     | A-34          | 14000          | <u> </u>    |                            |
| INORG | Arsenic             | A-25          | 13             | 11.3        | Outside MSA Background     |
|       |                     | A-26          | 13             | <u> </u>    |                            |
| INORG | Barium              | A-24          | 120            | 110         | Within MSA Background      |
|       |                     | A-18          | 0.70           | 0.59        | Within MSA Background      |
|       |                     | A-19          | 0.80           | 0.56        | Outside MSA Background     |
|       |                     | A-20          | 0.82           |             |                            |
|       |                     | A-21          | 0.70           |             |                            |
|       |                     | A-22          | 1.0            |             |                            |
|       |                     | A-23          | 1.1            |             |                            |
|       | ·                   | A-24          | 0.98           |             |                            |
|       |                     | A-25          | 0.76           |             |                            |
| INORG | Beryllium           | A-26          | 0.76           |             |                            |
|       |                     | A-27          | 0.86           |             |                            |
|       |                     | A-28          | 0.83           |             |                            |
|       |                     | A-29          | 0.88           |             | ,                          |
|       |                     | A-30          | 0.95           |             |                            |
|       |                     | A-31          | 0.90           |             | •                          |
|       | ,                   | A-32          | 0.79           |             |                            |
|       |                     | A-33          | 0.86           |             |                            |
|       |                     | A-34          | 0.85           | <u> </u>    |                            |

Project: Franklin - EB

|       |          |               | Concentration  | TACO Tier 1 | <del></del>               |
|-------|----------|---------------|----------------|-------------|---------------------------|
| Test  | Chemical | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway          |
|       | ·        | A-18          | 77000          | 9,300       | Within MSA Background     |
|       |          | A-19          | 52000          | 5,525       | Outside MSA Background    |
|       |          | A-20          | 47000          |             | •                         |
|       |          | A-21          | 70000          |             |                           |
|       |          | A-22          | 76000          |             |                           |
|       |          | A-23          | 66000          |             |                           |
|       |          | A-24          | 80000          |             |                           |
|       |          | A-25          | 70000          |             |                           |
| INORG | Calcium  | A-26          | 58000          |             |                           |
|       |          | A-27          | 71000          |             |                           |
|       |          | A-28          | 76000          |             |                           |
|       |          | A-29          | 97000          |             |                           |
|       |          | A-30          | 54000          |             |                           |
|       |          | A-31          | 73000          |             |                           |
|       |          | A-32          | 74000          |             |                           |
|       |          | A-33          | 81000          |             |                           |
|       |          | A-34          | 79000          |             |                           |
|       |          | A-18          | 24             | 28          | pH Specific SCGIR Class I |
|       |          | A-19          | 28             | 16.2        | Within MSA Background     |
|       |          | A-20          | 28             | 13.0        | Outside MSA Background    |
|       |          | A-21          | 26             |             | _                         |
|       |          | A-22          | 35             | ,           |                           |
| i     |          | A-23          | 38             |             |                           |
|       |          | A-24          | 33             |             |                           |
|       |          | A-25          | 26             |             |                           |
| INORG | Chromium | A-26          | 23             |             |                           |
|       |          | A-27          | 30             |             |                           |
|       |          | A-28          | 34             |             |                           |
|       |          | A-29          | 31             |             |                           |
|       |          | A-30          | 27             |             |                           |
| l     |          | A-31          | 29             |             |                           |
|       |          | A-32          | 27             |             |                           |
|       |          | A-33          | 31             |             | 3                         |
|       |          | A-34          | 28             |             |                           |
| Ì     |          | A-18          | 11             | 8.9         | Within MSA Background     |
|       |          | A-19          | 17             | 8.9         | Outside MSA Background    |
|       |          | A-20          | 15             |             | _                         |
|       |          | A-21          | 19             |             |                           |
|       |          | A-22          | 21             |             |                           |
|       |          | A-23          | 27             |             |                           |
|       |          | A-24          | 18             |             |                           |
|       |          | A-25          | 17             |             |                           |
| INORG | Cobalt   | A-26          | 9.4            |             |                           |
|       |          | A-27          | 16             |             |                           |
|       |          | A-28          | 14             |             |                           |
|       |          | A-29          | 21             |             |                           |
|       |          | A-30          | 18             |             |                           |
|       |          | A-31          | 19             |             |                           |
|       |          | A-32          | 15             |             |                           |
|       |          | A-33          | 20             |             |                           |
|       |          | A-34          | 19             |             |                           |
|       |          | A-18          | 30             | 19.6        | Within MSA Background     |
| ,     |          | A-19          | 26             | 12.0        | Outside MSA Background    |
|       |          | A-20          | 24             |             |                           |
|       |          | A-21          | 30             |             |                           |
|       |          | A-22          | 39             | 1           |                           |
|       |          | A-23          | 32             | 1           |                           |
|       |          | A-24          | 37             |             |                           |
| 1     |          | J 7-24        | l 3,           | 1           |                           |

<sup>\* -</sup> result and RO units are mg/L

### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

| Test  | Chemical | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway |
|-------|----------|---------------|------------------------------|---------------------------|------------------|
|       | _        | A-25          | 33                           |                           |                  |
| INORG | Copper   | A-26          | 45                           |                           |                  |
|       |          | A-27          | 32                           |                           |                  |
|       |          | A-28          | 30                           |                           |                  |
|       |          | A-29          | 39                           |                           |                  |
|       |          | A-30          | 54                           |                           |                  |
|       |          | A-31          | 33                           |                           |                  |
|       |          | A-32          | 29                           |                           |                  |
|       |          | A-33          | 34                           |                           |                  |
|       |          | A-34          | 32                           |                           |                  |

Project: Franklin - EB

|           |            |               | Concentration  | TACO Tier 1 |                        |
|-----------|------------|---------------|----------------|-------------|------------------------|
| Test      | Chemical   | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
|           |            | A-18          | 24000          | 15,900      | Within MSA Background  |
|           |            | A-19          | 26000          | 15,000      | Outside MSA Background |
|           |            | A-20          | 25000          |             |                        |
|           |            | A-21          | 25000          | 1           |                        |
|           |            | A-22          | 33000          | 1           |                        |
|           |            | A-23          | 34000          |             |                        |
|           |            | A-24          | 35000          |             |                        |
|           |            | A-25          | 27000          | l           |                        |
| INORG     | Iron       | A-26          | 30000          |             |                        |
|           |            | A-27          | 28000          | 1.          |                        |
|           |            | A-28          | 32000          | l'          |                        |
|           |            | A-29          | 32000          |             | ·                      |
|           |            | A-30          | 39000          |             |                        |
|           |            | A-31          | 31000          |             |                        |
|           |            | A-32          | 28000          | ŀ           |                        |
|           |            | A-33          | 29000          |             |                        |
|           |            | A-34          | 27000          |             |                        |
| DIODG     | T J        | A-26          | 24             | 20.9        | Outside MSA Background |
| INORG     | Lead       | A-30          | 26             |             |                        |
|           |            | A-18          | 38000          | 4,820       | Within MSA Background  |
|           |            | A-19          | 25000          | 2,700       | Outside MSA Background |
|           |            | A-20          | 22000          |             | •                      |
|           |            | A-21          | 34000          |             |                        |
|           |            | A-22          | 37000          |             |                        |
|           |            | A-23          | 31000          |             |                        |
|           |            | A-24          | 39000          |             |                        |
|           |            | A-25          | 35000          |             |                        |
| INORG     | Magnesium  | A-26          | 29000          |             |                        |
| 1         | Magnesiani | A-27          | 35000          |             |                        |
|           |            | A-28          | 37000          |             |                        |
| 1         |            | A-29          | 45000          |             |                        |
|           |            | A-30          | 27000          |             |                        |
|           |            | A-31          | 35000          |             |                        |
|           |            | A-31<br>A-32  | 33000          |             |                        |
|           |            | A-32<br>A-33  | 38000          |             |                        |
| l i       |            |               |                |             |                        |
| $\vdash$  |            | A-34          | 37000          | (2)         | Within MCA Back-mand   |
| INORG     | Manganese  | A-24          | 640            | 636         | Within MSA Background  |
| <b>——</b> | <u> </u>   | A-29          | 670            | 630         | Outside MSA Background |
|           |            | A-18          | 33             | 18.0        | Within MSA Background  |
|           |            | A-19          | 47             | 13.0        | Outside MSA Background |
|           |            | A-20          | 43             |             |                        |
|           |            | A-21          | 45             |             |                        |
|           |            | A-22          | 56<br>70       |             |                        |
|           |            | A-23          | 70             |             |                        |
|           |            | A-24          | 50             |             |                        |
|           |            | A-25          | 44             |             |                        |
| INORG     | Nickel     | A-26          | 34             |             |                        |
|           |            | A-27          | 44             |             |                        |
|           | . •        | A-28          | 44             |             |                        |
|           |            | A-29          | 54             |             |                        |
|           |            | A-30          | 57             |             |                        |
|           |            | A-31          | 49             |             |                        |
|           | 6          | A-32          | 42             |             |                        |
|           |            | A-33          | 50             |             |                        |
|           |            | A-34          | 46             |             |                        |

Project: Franklin - EB

| Test   | Chemical    | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg)                     | Exposure Pathway       |
|--------|-------------|---------------|------------------------------|---|------------------------|
|        |             | A-18          | 2900                         | 1,268   | Within MSA Background  |
|        |             | A-19          | 3400                         | 1,100   | Outside MSA Background |
|        |             | A-20          | 3300                         |   |                        |
|        |             | A-21          | 3100                         |   |                        |
|        |             | A-22          | 4700                         |   |                        |
|        |             | A-23          | 4900                         |   | •                      |
|        |             | A-24          | 4000                         |   |                        |
|        |             | A-25          | 3300                         |   |                        |
| INORG  | Potassium   | A-26          | 2700                         |   |                        |
|        |             | A-27          | 3900                         |   |                        |
|        |             | A-28          | 3200                         |   |                        |
|        |             | A-29          | 3800                         |   |                        |
|        |             | A-30          | 3000                         |   |                        |
|        |             | A-31          | 3700                         |   |                        |
|        |             | A-32          | 2600                         |   |                        |
|        |             | A-33          | 3900                         | 1   |                        |
| ·      |             | A-33<br>A-34  | 3700                         |   |                        |
| +      | <del></del> | A-34<br>A-23  | 1.5                          | 0.48  | Within MSA Background  |
| INORG  | Selenium    | A-23<br>A-29  | 1.3                          | 0.48  | Outside MSA Background |
| INOKG  | Selemum     |               |                              | 0.37  | Outside MSA Background |
|        |             | A-30<br>A-18  | 1.9                          | 130   | Within MSA Background  |
| 1      |             | •             | 180                          |   |                        |
|        |             | A-19          | 150                          | 130.0   | Outside MSA Background |
|        |             | A-20          | 140                          | 1   |                        |
|        |             | A-21          | 150                          | 1   |                        |
|        |             | A-22          | 200                          |   |                        |
|        |             | A-23          | 200                          | 1 1   |                        |
|        |             | A-24          | 190                          | 1 1   | `                      |
|        |             | A-25          | 230                          | 1   |                        |
| INORG  | Sodium      | A-26          | 200                          | 1   |                        |
|        |             | A-27          | 360                          | 1   |                        |
| ŀ      |             | A-28          | 350                          | 1   |                        |
| 1      |             | A-29          | 240                          | i i   |                        |
|        |             | A-30          | 680                          |   |                        |
|        |             | A-31          | 350                          |   |                        |
|        |             | A-32          | 740                          | † I   |                        |
|        |             | A-33          | 240                          | 1   |                        |
|        |             | A-34          | 250                          | 1   |                        |
|        | <u>-</u>    | A-18          | 29                           | 25.2  | Within MSA Background  |
|        |             | A-19          | 27                           | 25.0  | Outside MSA Background |
|        |             | A-20          | 27                           |   | -                      |
|        |             | A-21          | 26                           |   |                        |
|        |             | A-22          | 36                           |   |                        |
|        |             | A-23          | 37                           |   |                        |
|        |             | A-24          | 32                           |   |                        |
|        |             | A-25          | 26                           |   |                        |
| INORG  | Vanadium    | A-26          | 29                           |   |                        |
| 11,010 | · wiwaiwiii | A-27          | 30                           | 1   |                        |
| -      |             | A-27<br>A-28  | 28                           |   |                        |
| 1      |             | A-26<br>A-29  | 33                           |   |                        |
|        |             |               | 33                           | 1   |                        |
|        |             | A-30          |                              | 1   |                        |
|        |             | A-31          | 30                           |   |                        |
| l i    |             | A-32          | 27                           |   |                        |
|        |             | A-33          | 31                           |   |                        |
|        |             | A-34          | 30                           | <u>l                                     </u> |                        |

#### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

| T     |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
|       |           | A-22          | 69             | 95.0        | Within MSA Background  |
|       |           | A-23          | 74             | 60.2        | Outside MSA Background |
|       |           | A-24          | 69             |             |                        |
|       |           | A-28          | 63             |             |                        |
| INORG | Zinc      | A-29          | 68             |             |                        |
|       |           | A-30          | 98             |             |                        |
|       |           | A-31          | 66             |             |                        |
|       |           | A-32          | 64             |             |                        |
|       |           | A-33          | 69             |             |                        |
|       |           | A-18          | 0.014 *        | 0.0075      | SCGIR Class I          |
|       |           | A-20          | 0.0089 *       |             |                        |
|       |           | A-22          | 0.0077 *       |             |                        |
| TCLP  | Lead      | A-24          | 0.014 *        | 1           |                        |
|       |           | A-25          | 0.013 *        |             |                        |
|       |           | A-29          | 0.0095 *       | 1           |                        |
|       |           | A-33          | 0.0087 *       |             |                        |
|       |           | A-18          | 5.0 *          | 0.15        | SCGIR Class I          |
|       |           | A-19          | 4.5 *          |             |                        |
|       |           | A-20          | 4.7 *          |             |                        |
| i     |           | A-21          | 4.3 *          | 1           |                        |
|       |           | A-22          | 6.5 *          |             |                        |
|       |           | A-23          | 2.1 *          |             |                        |
|       |           | A-24          | 6.7 *          |             |                        |
|       |           | A-25          | 6.3 *          |             |                        |
| TCLP  | Manganese | A-26          | 0.90 *         |             |                        |
| i     |           | A-27          | 4.7 *          |             |                        |
|       | •         | A-28          | 3.5 *          |             |                        |
| l     |           | A-29          | 5.2 *          |             |                        |
|       |           | A-30          | 4.8 *          |             |                        |
|       |           | A-31          | 2.7 *          |             |                        |
|       |           | A-32          | 5.9 *          |             |                        |
|       |           | A-33          | 5.2 *          |             |                        |
| į     |           | A-34          | 2.6 *          |             |                        |
|       |           | A-20          | 0.16 *         | 0.1         | SCGIR Class I          |
| 1     |           | A-21          | 0.15 *         |             |                        |
| TOLD  | NT: -11   | A-25          | 0.17 *         | 1           |                        |
| TCLP  | Nickel    | A-29          | 0.12 *         |             |                        |
|       |           | A-33          | 0.17 *         |             |                        |
|       |           | A-34          | 0.13 *         |             |                        |

Project: Franklin - EB

| Test         | Chemical            | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                             |
|--------------|---------------------|---------------|------------------------------|---------------------------|--|
| TCLP         | Lead                | A-18          | 0.014 *                      | 0.0075                    | SCGIR Class I                                |
| TCLP         | Manganese           | A-18          | 5.0 *                        | 0.0075                    | SCGIR Class I                                |
| TCLP         | Manganese           | A-19          | 4.5 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Lead                | A-19<br>A-20  | 0.0089 *                     | 0.0075                    | SCGIR Class I                                |
| TCLP         |                     | A-20          | 4.7 *                        | 0.0073                    | SCGIR Class I                                |
| TCLP         | Manganese<br>Nickel |               | 0.16 *                       | 0.13                      | SCGIR Class I                                |
|              |                     | A-20          | 4.3 *                        |                           | SCGIR Class I                                |
| TCLP<br>TCLP | Manganese           | A-21          | 0.15 *                       | 0.15                      | SCGIR Class I                                |
|              | Nickel              | A-21          |                              |                           |  |
| TCLP<br>TCLP | Lead                | A-22          | 0.0077 *                     | 0.0075                    | SCGIR Class I                                |
|              | Manganese           | A-22          | 6.5 *                        | 0.15                      | SCGIR Class I<br>SCGIR Class I               |
| TCLP         | Manganese           | A-23          | 2.1 *                        | 0.15                      |  |
| TCLP         | Lead                | A-24          | 0.014 *                      | 0.0075                    | SCGIR Class I                                |
| TCLP         | Manganese           | A-24          | 6.7 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Lead                | A-25          | 0.013 *                      | 0.0075                    | SCGIR Class I                                |
| TCLP         | Manganese           | A-25          | 6.3 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Nickel              | A-25          | 0.17 *                       | 0.1                       | SCGIR Class I                                |
| TCLP         | Manganese           | A-26          | 0.90 *                       | 0.15                      | SCGIR Class I                                |
| TCLP         | Manganese           | A-27          | 4.7 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Manganese           | A-28          | 3.5 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Lead                | A-29          | 0.0095 *                     | 0.0075                    | SCGIR Class I                                |
| TCLP         | Manganese           | A-29          | 5.2 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Nickel              | A-29          | 0.12 *                       | 0.1                       | SCGIR Class I                                |
| TCLP         | Manganese           | A-30          | 4.8 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Manganese           | A-31          | 2.7 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Manganese           | A-32          | 5.9 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Lead                | A-33          | 0.0087_*                     | 0.0075                    | SCGIR Class I                                |
| TCLP         | Manganese           | A-33          | 5.2 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Nickel              | A-33          | 0.17 *                       | 0.1                       | SCGIR Class I                                |
| TCLP         | Manganese           | A-34          | 2.6 *                        | 0.15                      | SCGIR Class I                                |
| TCLP         | Nickel              | A-34          | 0.13 *                       | 0.1                       | SCGIR Class I                                |
| INORG        | Chromium            | A-22          | 35                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Chromium            | A-23          | 38                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Chromium            | A-24          | 33                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Chromium            | A-28          | 34                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Chromium            | A-29          | 31                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Chromium            | A-31          | 29                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Chromium            | A-33          | 31                           | 28                        | pH Specific SCGIR Class I                    |
| INORG        | Aluminum            | A-18          | 13000                        | 9,500                     | Within MSA Background                        |
| INORG        | Beryllium           | A-18          | 0.70                         | 0.59                      | Within MSA Background                        |
| INORG        | Calcium             | A-18          | 77000                        | 9,300                     | Within MSA Background                        |
| INORG        | Chromium            | A-18          | 24                           | 16.2                      | Within MSA Background                        |
| INORG        | Cobalt              | A-18          | 11                           | 8.9                       | Within MSA Background                        |
| INORG        | Copper              | A-18          | 30                           | 19.6                      | Within MSA Background                        |
| INORG        | Iron                | A-18          | 24000                        | 15,900                    | Within MSA Background                        |
| INORG        | Magnesium           | A-18          | 38000                        | 4,820                     | Within MSA Background  Within MSA Background |
| INORG        | Nickel              | A-18<br>A-18  | 33                           | 18.0                      | Within MSA Background                        |
| INORG        | Potassium           | A-18          | 2900                         | 1,268                     | Within MSA Background  Within MSA Background |
| INORG        | Sodium              |               | 180                          | 130                       | Within MSA Background  Within MSA Background |
| INORG        | Vanadium            | A-18<br>A-18  | 29                           | 25.2                      | Within MSA Background Within MSA Background  |
| INORG        |                     | A-18<br>A-19  | 15000                        | 9,500                     | Within MSA Background Within MSA Background  |
| INORG        | Aluminum  Beryllium |               | 0.80                         | 0.59                      | Within MSA Background Within MSA Background  |
|              |                     | A-19          |                              | +                         |  |
| INORG        | Charming            | A-19          | 52000                        | 9,300                     | Within MSA Background                        |
| INORG        | Chromium            | A-19          | 28                           | 16.2                      | Within MSA Background                        |
| INORG        | Cobalt              | A-19          | 17                           | 8.9                       | Within MSA Background                        |
| INORG        | Copper              | A-19          | 26                           | 19.6                      | Within MSA Background                        |
| INORG        | Iron                | A-19          | 26000                        | 15,900                    | Within MSA Background                        |
| INORG        | Magnesium           | A-19          | 25000                        | 4,820                     | Within MSA Background                        |
| INORG        | Nickel              | A-19          | 47                           | 18.0                      | Within MSA Background                        |

Project: Franklin - EB

|       |                |               | Concentration  | TACO Tier 1 |                       |
|-------|----------------|---------------|----------------|-------------|-----------------------|
| Test  | Chemical       | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway      |
| INORG | Potassium      | <u>A-19</u>   | 3400           | 1,268       | Within MSA Background |
| INORG | Sodium         | A-19          | 150            | 130         | Within MSA Background |
| INORG | Vanadium       | A-19          | 27             | 25.2        | Within MSA Background |
| INORG | Aluminum       | A-20          | 14000          | 9,500       | Within MSA Background |
| INORG | Beryllium      | A-20          | 0.82           | 0.59        | Within MSA Background |
| INORG | Calcium        | A-20          | 47000          | 9,300       | Within MSA Background |
| INORG | Chromium       | A-20          | 28             | 16.2        | Within MSA Background |
| INORG | Cobalt         | A-20          | 15             | 8.9         | Within MSA Background |
| INORG | Copper         | A-20          | 24             | 19.6        | Within MSA Background |
| INORG | Iron           | A-20          | 25000          | 15,900      | Within MSA Background |
| INORG | Magnesium      | A-20          | 22000          | 4,820       | Within MSA Background |
| INORG | Nickel         | A-20          | 43             | 18.0        | Within MSA Background |
| INORG | Potassium      | A-20          | 3300           | 1,268       | Within MSA Background |
| INORG | Sodium         | A-20          | 140            | 130         | Within MSA Background |
| INORG | Vanadium       | A-20          | 27             | 25.2        | Within MSA Background |
| INORG | Aluminum       | A-21          | 13000          | 9,500       | Within MSA Background |
| INORG | Beryllium      | A-21          | 0.70           | 0.59        | Within MSA Background |
| INORG | Calcium        | A-21          | 70000          | 9,300       | Within MSA Background |
| INORG | Chromium       | A-21          | 26             | 16.2        | Within MSA Background |
| INORG | Cobalt         | A-21<br>A-21  | 19             | 8.9         | Within MSA Background |
| INORG |                | A-21<br>A-21  | 30             | 19.6        | Within MSA Background |
| INORG | Copper<br>Iron | A-21<br>A-21  | 25000          | 15,900      | Within MSA Background |
|       |                |               |                |             |                       |
| INORG | Magnesium      | A-21          | 34000          | 4,820       | Within MSA Background |
| INORG | Nickel         | A-21          | 45             | 18.0        | Within MSA Background |
| INORG | Potassium      | A-21          | 3100           | 1,268       | Within MSA Background |
| INORG | Sodium         | A-21          | 150            | 130         | Within MSA Background |
| INORG | Vanadium       | A-21          | 26             | 25.2        | Within MSA Background |
| INORG | Aluminum       | A-22          | 18000          | 9,500       | Within MSA Background |
| INORG | Beryllium      | A-22          | 1.0            | 0.59        | Within MSA Background |
| INORG | Calcium        | A-22          | 76000          | 9,300       | Within MSA Background |
| INORG | Chromium       | A-22          | 35             | 16.2        | Within MSA Background |
| INORG | Cobalt         | A-22          | 21             | 8.9         | Within MSA Background |
| INORG | Copper         | A-22          | 39             | 19.6        | Within MSA Background |
| INORG | Iron           | A-22          | 33000          | 15,900      | Within MSA Background |
| INORG | Magnesium      | A-22          | 37000          | 4,820       | Within MSA Background |
| INORG | Nickel         | A-22          | 56             | 18.0        | Within MSA Background |
| INORG | Potassium      | A-22          | 4700           | 1,268       | Within MSA Background |
| INORG | Sodium         | A-22          | 200            | 130         | Within MSA Background |
| INORG | Vanadium       | A-22          | 36             | 25.2        | Within MSA Background |
| INORG | Aluminum       | A-23          | 19000          | 9,500       | Within MSA Background |
| INORG | Beryllium      | A-23          | 1.1            | 0.59        | Within MSA Background |
| INORG | Calcium        | A-23          | 66000          | 9,300       | Within MSA Background |
| INORG | Chromium       | A-23          | 38             | 16.2        | Within MSA Background |
| INORG | Cobalt         | A-23          | 27             | 8.9         | Within MSA Background |
| INORG | Copper         | A-23          | 32             | 19.6        | Within MSA Background |
| INORG | Iron           | A-23          | 34000          | 15,900      | Within MSA Background |
| INORG | Magnesium      | A-23          | 31000          | 4,820       | Within MSA Background |
| INORG | Nickel         | A-23          | 70             | 18.0        | Within MSA Background |
| INORG | Potassium      | A-23          | 4900           | 1,268       | Within MSA Background |
| INORG | Selenium       | A-23          | 1.5            | 0.48        | Within MSA Background |
| INORG | Sodium         | A-23          | 200            | 130         | Within MSA Background |
| INORG | Vanadium       |               | 37             | 25.2        | Within MSA Background |
|       |                | A-23          |                |             |                       |
| INORG | Aluminum       | A-24          | 17000          | 9,500       | Within MSA Background |
| INORG | Barium         | A-24          | 120            | 110         | Within MSA Background |
| INORG | Beryllium      | A-24          | 0.98           | 0.59        | Within MSA Background |
| INORG | Calcium_       | A-24          | 80000          | 9,300       | Within MSA Background |
| INORG | Chromium       | A-24          | 33             | 16.2        | Within MSA Background |
| INORG | Cobalt         | A-24          | 18             | 8.9         | Within MSA Background |

Project: Franklin - EB

| 1      |             |               | Concentration  | TACO Tier 1  | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)      |
|--------|-------------|---------------|----------------|--------------|--|
| v Test | Chemical 25 | Sample Number | Detected (ppm) | RO (mg/Kg)   | Exposure Pathway                             |
| INORG  | Copper      | A-24          | 37             | 19.6         | Within MSA Background                        |
| INORG  | Iron        | A-24          | 35000          | 15,900       | Within MSA Background                        |
| INORG  | Magnesium   | A-24          | 39000          | 4,820        | Within MSA Background                        |
| INORG  | Manganese   | A-24          | 640            | 636          | Within MSA Background                        |
| INORG  | Nickel      | A-24          | 50             | 18.0         | Within MSA Background                        |
| INORG  | Potassium   | A-24          | 4000           | 1,268        | Within MSA Background                        |
| INORG  | Sodium      | A-24          | 190            | 130          | Within MSA Background                        |
| INORG  | Vanadium    | A-24          | 32             | 25.2         | Within MSA Background                        |
| INORG  | Aluminum    | A-25          | 13000          | 9,500        | Within MSA Background                        |
| INORG  | Beryllium   | A-25          | 0.76           | 0.59         | Within MSA Background                        |
| INORG  | Calcium     | A-25          | 70000          | 9,300        | Within MSA Background                        |
| INORG  | Chromium    | A-25          | 26             | 16.2         | Within MSA Background                        |
| INORG  | Cobalt      | A-25          | 17             | 8.9          | Within MSA Background                        |
| INORG  | Copper      | A-25          | 33             | 19.6         | Within MSA Background                        |
| INORG  | Iron        | A-25          | 27000          | 15,900       | Within MSA Background                        |
| INORG  | Magnesium   | A-25          | 35000          | 4,820        | Within MSA Background                        |
| INORG  | Nickel      | A-25          | 44             | 18.0         | Within MSA Background                        |
| INORG  | Potassium   | A-25          | 3300           |              |  |
| INORG  | Sodium      | A-25<br>A-25  | 230            | 1,268<br>130 | Within MSA Background Within MSA Background  |
|        |             |               |                |              |  |
| INORG  | Vanadium    | A-25          | 26             | 25.2         | Within MSA Background                        |
| INORG  | Aluminum    | A-26          | 12000          | 9,500        | Within MSA Background                        |
| INORG  | Beryllium   | A-26          | 0.76           | 0.59         | Within MSA Background                        |
| INORG  | Calcium     | A-26          | 58000          | 9,300        | Within MSA Background                        |
| INORG  | Chromium    | A-26          | 23             | 16.2         | Within MSA Background                        |
| INORG  | Cobalt      | A-26          | 9.4            | 8.9          | Within MSA Background                        |
| INORG  | Copper      | A-26          | 45             | 19.6         | Within MSA Background                        |
| INORG  | Iron        | A-26          | 30000          | 15,900       | Within MSA Background                        |
| INORG  | Magnesium   | A-26          | 29000          | 4,820        | Within MSA Background                        |
| INORG  | Nickel      | A-26          | 34             | 18.0         | Within MSA Background                        |
| INORG  | Potassium   | A-26          | 2700           | 1,268        | Within MSA Background                        |
| INORG  | Sodium      | A-26          | 200            | 130          | Within MSA Background                        |
| INORG  | Vanadium    | A-26          | 29             | 25.2         | Within MSA Background                        |
| INORG  | Aluminum    | A-27          | 15000          | 9,500        | Within MSA Background                        |
| INORG  | Beryllium   | A-27          | 0.86           | 0.59         | Within MSA Background                        |
| INORG  | Calcium     | A-27          | 71000          | 9,300        | Within MSA Background                        |
| INORG  | Chromium    | A-27          | 30             | 16.2         | Within MSA Background                        |
| INORG  | Cobalt      | A-27          | 16             | 8.9          | Within MSA Background                        |
| INORG  | Copper      | A-27          | 32             | 19.6         | Within MSA Background                        |
| INORG  | Iron        | A-27          | 28000          | 15,900       | Within MSA Background                        |
| INORG  | Magnesium   | A-27          | 35000          | 4,820        | Within MSA Background                        |
| INORG  | Nickel      | A-27          | 44             | 18.0         | Within MSA Background                        |
| INORG  | Potassium   | A-27          | 3900           | 1,268        | Within MSA Background                        |
| INORG  | Sodium      | A-27          | 360            | 130          | Within MSA Background                        |
| INORG  | Vanadium    | A-27          | 30             | 25.2         | Within MSA Background                        |
| INORG  | Aluminum    | A-28          | 14000          | 9,500        | Within MSA Background                        |
| INORG  | Beryllium   | A-28          | 0.83           | 0.59         | Within MSA Background                        |
| INORG  | Calcium     | A-28          | 76000          | 9,300        | Within MSA Background                        |
| INORG  | Chromium    | A-28          | 34             | 16.2         | Within MSA Background                        |
| INORG  | Cobalt      | A-28          | 14             | 8.9          | Within MSA Background                        |
| INORG  | Copper      | A-28          | 30             | 19.6         | Within MSA Background                        |
| INORG  | Iron        | A-28          | 32000          | 15,900       | Within MSA Background                        |
| INORG  | Magnesium   | A-28          | 37000          | 4,820        | Within MSA Background                        |
| INORG  | Nickel      | A-28          | 44             | 18.0         | Within MSA Background  Within MSA Background |
| INORG  | Potassium   | A-28          | 3200           | 1,268        | Within MSA Background Within MSA Background  |
|        |             |               |                |              | Within MSA Background Within MSA Background  |
| INORG  | Sodium      | A-28          | 350<br>28      | 130          | Within MSA Background Within MSA Background  |
| INORG  | Vanadium    | A-28          |                | 25.2         |  |
| INORG  | Aluminum    | A-29          | 16000          | 9,500        | Within MSA Background                        |
| INORG  | Beryllium   | A-29          | 0.88           | 0.59         | Within MSA Background                        |

Project: Franklin - EB

| Test  | Chemical   | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                            |
|-------|------------|---------------|------------------------------|---------------------------|---|
| INORG | Calcium    | A-29          | 97000                        | 9,300                     | Within MSA Background                       |
| INORG | Chromium   | A-29          | 31                           | 16.2                      | Within MSA Background                       |
| INORG | Cobalt     | A-29          | 21                           | 8.9                       | Within MSA Background                       |
| INORG | Copper     | A-29          | 39                           | 19.6                      | Within MSA Background                       |
| INORG | Iron       | A-29          | 32000                        | 15,900                    | Within MSA Background                       |
| INORG | Magnesium  | A-29          | 45000                        | 4,820                     | Within MSA Background                       |
| INORG | Manganese  | A-29          | 670                          | 636                       | Within MSA Background                       |
| INORG | Nickel     | A-29          | 54                           | 18.0                      | Within MSA Background                       |
| INORG | Potassium  | A-29          | 3800                         | 1,268                     | Within MSA Background                       |
| INORG | Selenium   | A-29          | 1.2                          | 0.48                      | Within MSA Background                       |
| INORG | Sodium     | A-29<br>A-29  | 240                          | 130                       | Within MSA Background                       |
|       |            |               | 33                           | 25.2                      |   |
| INORG | Vanadium   | A-29          |                              |                           | Within MSA Background                       |
| INORG | Aluminum   | A-30          | 14000                        | 9,500                     | Within MSA Background                       |
| INORG | Beryllium  | A-30          | 0.95                         | 0.59                      | Within MSA Background                       |
| INORG | Calcium    | A-30          | 54000                        | 9,300                     | Within MSA Background                       |
| INORG | Chromium   | A-30          | 27                           | 16.2                      | Within MSA Background                       |
| INORG | Cobalt     | A-30          | 18                           | 8.9                       | Within MSA Background                       |
| INORG | Copper     | A-30          | 54                           | 19.6                      | Within MSA Background                       |
| INORG | Iron       | A-30          | 39000                        | 15,900                    | Within MSA Background                       |
| INORG | Magnesium  | A-30          | 27000                        | 4,820                     | Within MSA Background                       |
| INORG | Nickel     | A-30          | 57                           | 18.0                      | Within MSA Background                       |
| INORG | Potassium  | A-30          | 3000                         | 1,268                     | Within MSA Background                       |
| INORG | Selenium   | . A-30        | 1.9                          | 0.48                      | Within MSA Background                       |
| INORG | Sodium     | A-30          | 680                          | 130                       | Within MSA Background                       |
| INORG | Vanadium   | A-30          | 31                           | 25.2                      | Within MSA Background                       |
| INORG | Zinc       | A-30          | 98                           | 95.0                      | Within MSA Background                       |
| INORG | Aluminum   | A-31          | 16000                        | 9,500                     | Within MSA Background                       |
| INORG | Beryllium  | A-31          | 0.90                         | 0.59                      | Within MSA Background                       |
| INORG | Calcium    | A-31          | 73000                        | 9,300                     | Within MSA Background                       |
| INORG | Chromium   | A-31          | 29                           | 16.2                      | Within MSA Background                       |
| INORG | Cobalt     | A-31          | 19                           | 8.9                       | Within MSA Background                       |
| INORG | Copper     | A-31          | 33                           | 19.6                      | Within MSA Background                       |
| INORG | Iron       | A-31          | 31000                        | 15,900                    | Within MSA Background                       |
|       |            |               | 35000                        | 4,820                     | Within MSA Background                       |
| INORG | Magnesium  | A-31          |                              |                           |   |
| INORG | Nickel     | · A-31        | 49                           | 18.0                      | Within MSA Background                       |
| INORG | Potassium  | A-31          | 3700                         | 1,268                     | Within MSA Background                       |
| INORG | Sodium     | A-31          | 350                          | 130                       | Within MSA Background                       |
| INORG | Vanadium   | A-31          | 30                           | 25.2                      | Within MSA Background                       |
| INORG | Aluminum   | A-32          | 15000                        | 9,500                     | Within MSA Background                       |
| INORG | Beryllium_ | A-32          | 0.79                         | 0.59                      | Within MSA Background                       |
| INORG | Calcium    | A-32          | 74000                        | 9,300                     | Within MSA Background                       |
| INORG | Chromium   | A-32          | 27                           | 16.2                      | Within MSA Background                       |
| INORG | Cobalt     | A-32          | 15                           | 8.9                       | Within MSA Background                       |
| INORG | Copper     | A-32          | 29                           | 19.6                      | Within MSA Background                       |
| INORG | Iron       | A-32          | 28000                        | 15,900                    | Within MSA Background                       |
| INORG | Magnesium  | A-32          | 33000                        | 4,820                     | Within MSA Background                       |
| INORG | Nickel     | A-32          | 42                           | 18.0                      | Within MSA Background                       |
| INORG | Potassium  | A-32          | 2600                         | 1,268                     | Within MSA Background                       |
| INORG | Sodium     | A-32          | 740                          | 130                       | Within MSA Background                       |
| INORG | Vanadium   | A-32          | 27                           | 25.2                      | Within MSA Background                       |
| INORG | Aluminum   | A-33          | 16000                        | 9,500                     | Within MSA Background                       |
| INORG | Beryllium  | A-33          | 0.86                         | 0.59                      | Within MSA Background                       |
| INORG | Calcium    | A-33          | 81000                        | 9,300                     | Within MSA Background                       |
| INORG |            |               | 31                           | 16.2                      | Within MSA Background Within MSA Background |
|       | Chromium   | A-33          |                              |                           | Within MSA Background Within MSA Background |
| INORG | Cobalt     | A-33          | 20                           | 8.9                       |   |
| INORG | Copper     | A-33          | 34                           | 19.6                      | Within MSA Background                       |
| INORG | Iron       | A-33          | 29000                        | 15,900                    | Within MSA Background                       |
| INORG | Magnesium  | A-33          | 38000                        | 4,820                     | Within MSA Background                       |

Project: Franklin - EB

| Test  | Chemical            | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway       |
|-------|---------------------|---------------|------------------------------|---------------------------|------------------------|
| INORG | Nickel              | A-33          | 50                           | 18.0                      | Within MSA Background  |
| INORG | <del></del>         | A-33          | 3900                         | 1,268                     | Within MSA Background  |
|       | Potassium           |               |                              | 130                       | Within MSA Background  |
| NORG  | Sodium              | A-33          | 240                          | 25.2                      | Within MSA Background  |
| NORG  | Vanadium            | A-33          | 31                           |                           |                        |
| NORG  | Aluminum            | A-34          | 14000                        | 9,500                     | Within MSA Background  |
| NORG  | Beryllium           | A-34          | 0.85                         | 0.59                      | Within MSA Background  |
| NORG  | Calcium             | A-34          | 79000                        | 9,300                     | Within MSA Background  |
| NORG  | Chromium            | A-34          | 28                           | 16.2                      | Within MSA Background  |
| NORG  | Cobalt              | A-34          | 19                           | 8.9                       | Within MSA Background  |
| NORG  | Copper              | A-34          | 32                           | 19.6                      | Within MSA Background  |
| NORG  | Iron                | A-34          | 27000                        | 15,900                    | Within MSA Background  |
| NORG  | Magnesium           | A-34          | 37000                        | 4,820                     | Within MSA Background  |
| NORG  | Nickel              | A-34          | 46                           | 18.0                      | Within MSA Background  |
| NORG  | Potassium           | A-34          | 3700                         | 1,268                     | Within MSA Background  |
| NORG  | Sodium              | A-34          | 250                          | 130                       | Within MSA Background  |
| NORG  | Vanadium            | A-34          | 30                           | 25.2                      | Within MSA Background  |
| PNA   | Naphthalene         | A-18          | 0.41                         | 0.20                      | Within MSA Background  |
| svoc  | 2-Methylnaphthalene | A-18          | 0.29                         | 0.14                      | Within MSA Background  |
| NORG  | Aluminum            | A-18          | 13000                        | 9,200                     | Outside MSA Background |
| NORG  | Beryllium           | A-18          | 0.70                         | 0.56                      | Outside MSA Background |
| NORG  | Calcium             | A-18          | 77000                        | 5,525                     | Outside MSA Background |
| NORG  | Chromium            | A-18          | 24                           | 13.0                      | Outside MSA Background |
| NORG  | Cobalt              | A-18          | 11                           | 8.9                       | Outside MSA Background |
| NORG  | Copper              | A-18          | 30                           | 12.0                      | Outside MSA Background |
| NORG  | Iron                | A-18          | 24000                        | 15,000                    | Outside MSA Background |
| NORG  |                     | A-18          | 38000                        | 2,700                     | Outside MSA Background |
|       | Magnesium           | A-16<br>A-18  | 33                           | 13.0                      | Outside MSA Background |
| NORG  | Nickel              | A-18          | 2900                         | 1,100                     | Outside MSA Background |
| NORG  | Potassium           |               |                              | 130.0                     | Outside MSA Background |
| NORG  | Sodium              | A-18          | 180                          |                           | Outside MSA Background |
| NORG  | Vanadium            | A-18          | 29                           | 25.0                      |                        |
| NORG  | Aluminum            | A-19          | 15000                        | 9,200                     | Outside MSA Background |
| NORG  | Beryllium           | A-19          | 0.80                         | 0.56                      | Outside MSA Background |
| NORG  | Calcium             | A-19          | 52000                        | 5,525                     | Outside MSA Background |
| NORG  | Chromium            | A-19          | 28                           | 13.0                      | Outside MSA Background |
| NORG  | Cobalt              | A-19          | 17                           | 8.9                       | Outside MSA Background |
| NORG  | Copper              | A-19          | 26                           | 12.0                      | Outside MSA Background |
| NORG  | Iron                | A-19          | 26000                        | 15,000                    | Outside MSA Background |
| NORG  | Magnesium           | A-19          | 25000                        | 2,700                     | Outside MSA Background |
| NORG  | Nickel              | A-19          | 47                           | 13.0                      | Outside MSA Background |
| NORG  | Potassium           | A-19          | 3400                         | 1,100                     | Outside MSA Background |
| NORG  | Sodium              | A-19          | 150                          | 130.0                     | Outside MSA Background |
| NORG  | Vanadium            | A-19          | 27                           | 25.0                      | Outside MSA Background |
| NORG  | Aluminum            | A-20          | 14000                        | 9,200                     | Outside MSA Background |
| NORG  | Beryllium           | A-20          | 0.82                         | 0.56                      | Outside MSA Background |
| NORG  | Calcium             | A-20          | 47000                        | 5,525                     | Outside MSA Background |
| NORG  | Chromium            | A-20          | 28                           | 13.0                      | Outside MSA Background |
| NORG  | Cobalt              | A-20          | 15                           | 8.9                       | Outside MSA Background |
| NORG  | Copper              | A-20          | 24                           | 12.0                      | Outside MSA Background |
| NORG  |                     | A-20          | 25000                        | 15,000                    | Outside MSA Background |
| NORG  | Magnesium           | A-20<br>A-20  | 22000                        | 2,700                     | Outside MSA Background |
| NORG  | Nickel              | A-20<br>A-20  | 43                           | 13.0                      | Outside MSA Background |
|       |                     |               |                              |                           | Outside MSA Background |
| NORG  | Potassium           | A-20          | 3300                         | 1,100                     |                        |
| NORG  | Sodium              | A-20          | 140                          | 130.0                     | Outside MSA Background |
| NORG  | Vanadium            | A-20          | 27                           | 25.0                      | Outside MSA Background |
| NORG  | Aluminum            | A-21          | 13000                        | 9,200                     | Outside MSA Background |
| NORG  | Beryllium           | A-21          | 0.70                         | 0.56                      | Outside MSA Background |
| NORG  | Calcium             | A-21          | 70000                        | 5,525                     | Outside MSA Background |
| NORG  | Chromium            | A-21          | 26                           | 13.0                      | Outside MSA Background |
|       |                     |               |                              |                           |                        |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin - EB
Laboratory: STAT ANALYSIS

|        |            | Sample Number | Concentration    | TACO Tier 1 |  |
|--------|------------|---------------|------------------|-------------|--|
| ∄Test  | Chemical 1 | Sample Number | Detected (ppm) 1 | RO (mg/Kg)  | Exposure Pathway                               |
| INORG  | Cobalt     | A-21          | 19               | 8.9         | Outside MSA Background                         |
| INORG  | Copper     | A-21          | 30               | 12.0        | Outside MSA Background                         |
| INORG  | Iron       | A-21          | 25000            | 15,000      | Outside MSA Background                         |
| INORG  | Magnesium  | A-21          | 34000            | 2,700       | Outside MSA Background                         |
| INORG  | Nickel     | A-21          | 45               | 13.0        | Outside MSA Background                         |
| INORG  | Potassium  | A-21          | 3100             | 1,100       | Outside MSA Background                         |
| INORG  | Sodium     | A-21          | 150              | 130.0       | Outside MSA Background                         |
| INORG  | Vanadium   | A-21          | 26               | 25.0        | Outside MSA Background                         |
| INORG  | Aluminum   | A-22          | 18000            | 9,200       | Outside MSA Background                         |
| INORG  | Beryllium  | A-22          | 1.0              | 0.56        | Outside MSA Background                         |
| INORG  | Calcium    | A-22          | 76000            | 5,525       | Outside MSA Background                         |
| INORG  | Chromium   | A-22          | 35               | 13.0        | Outside MSA Background                         |
| INORG  | Cobalt     | A-22          | 21               | 8.9         | Outside MSA Background                         |
| INORG  | Copper     | A-22          | 39               | 12.0        | Outside MSA Background                         |
| INORG  | Iron       | A-22          | 33000            | 15,000      | Outside MSA Background                         |
| INORG  | Magnesium  | A-22          | 37000            | 2,700       | Outside MSA Background                         |
| INORG  | Nickel     | A-22          | 56               | 13.0        | Outside MSA Background                         |
| INORG  | Potassium  | A-22<br>A-22  | 4700             | 1,100       | Outside MSA Background                         |
| INORG  | Sodium     | A-22<br>A-22  | 200              | 130.0       | Outside MSA Background                         |
| INORG  | Vanadium   | A-22          | 36               | 25.0        | Outside MSA Background                         |
| INORG  | Zinc       | A-22          | 69               | 60.2        | Outside MSA Background                         |
| INORG  |            |               | 19000            | 9,200       | Outside MSA Background                         |
|        | Aluminum   | A-23<br>A-23  | 1,1              | 0.56        | Outside MSA Background                         |
| INORG  | Beryllium  |               |                  | 5,525       | Outside MSA Background                         |
| INORG  | Calcium    | A-23          | 66000            | 13.0        | Outside MSA Background  Outside MSA Background |
| INORG  | Chromium   | A-23          | 38               |             |  |
| INORG  | Cobalt     | A-23          | 27               | 8.9         | Outside MSA Background                         |
| INORG  | Copper     | A-23          | 32               | 12.0        | Outside MSA Background                         |
| INORG  | Iron       | A-23          | 34000<br>31000   | 15,000      | Outside MSA Background                         |
| INORG  | Magnesium  | A-23          |                  | 2,700       | Outside MSA Background Outside MSA Background  |
| INORG  | Nickel     | A-23          | 70               | 13.0        |  |
| INORG  | Potassium  | A-23          | 4900             | 1,100       | Outside MSA Background                         |
| INORG  | Selenium   | A-23          | 1.5              | 0.37        | Outside MSA Background                         |
| INORG  | Sodium     | A-23          | 200              | 130.0       | Outside MSA Background                         |
| INORG  | Vanadium   | A-23          | 37               | 25.0        | Outside MSA Background                         |
| INORG  | Zinc       | A-23          | 74               | 60.2        | Outside MSA Background                         |
| INORG  | Aluminum   | A-24          | 17000            | 9,200       | Outside MSA Background                         |
| INORG  | Beryllium  | A-24          | 0.98             | 0.56        | Outside MSA Background                         |
| INORG  | Calcium    | A-24          | 80000            | 5,525       | Outside MSA Background                         |
| INORG  | Chromium   | A-24          | 33               | 13.0        | Outside MSA Background                         |
| INORG  | Cobalt     | A-24          | 18               | 8.9         | Outside MSA Background                         |
| INORG  | Copper     | A-24          | 37               | 12.0        | Outside MSA Background                         |
| INORG  | Iron       | A-24          | 35000            | 15,000      | Outside MSA Background                         |
| INORG  | Magnesium  | A-24          | 39000            | 2,700       | Outside MSA Background                         |
| INORG  | Manganese  | A-24          | 640              | 630         | Outside MSA Background                         |
| INORG  | Nickel     | A-24          | 50               | 13.0        | Outside MSA Background                         |
| INORG  | Potassium  | A-24          | 4000             | 1,100       | Outside MSA Background                         |
| INORG  | Sodium     | A-24          | 190              | 130.0       | Outside MSA Background                         |
| INORG  | Vanadium   | A-24          | 32               | 25.0        | Outside MSA Background                         |
| INORG  | Zinc       | A-24          | 69               | 60.2        | Outside MSA Background                         |
| INORG  | Aluminum   | A-25          | 13000            | 9,200       | Outside MSA Background                         |
| INORG  | Arsenic    | A-25          | 13               | 11.3        | Outside MSA Background                         |
| INORG  | Beryllium  | A-25          | 0.76             | 0.56        | Outside MSA Background                         |
| INORG  | Calcium    | A-25          | 70000            | 5,525       | Outside MSA Background                         |
| INORG  | Chromium   | A-25          | 26               | 13.0        | Outside MSA Background                         |
| INORG  | Cobalt     | A-25          | 17               | 8.9         | Outside MSA Background                         |
| INORG  | Copper     | A-25          | 33               | 12.0        | Outside MSA Background                         |
| INORG  | Iron       | A-25          | 27000            | 15,000      | Outside MSA Background                         |
| INORG  | Magnesium  | A-25          | 35000            | 2,700       | Outside MSA Background                         |
| DAOFIL | Magnesium  | 17-63         | 33000            | 2,700       | Outside into a Duengiouna                      |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin - EB

| Test  | Chemical             | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway       |
|-------|----------------------|---------------|------------------------------|---------------------------|------------------------|
| INORG | Nickel               | A-25          | 44                           | 13.0                      | Outside MSA Background |
| INORG | Potassium            | A-25          | 3300                         | 1,100                     | Outside MSA Background |
| INORG | Sodium               | A-25          | 230                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium             | A-25          | 26                           | 25.0                      | Outside MSA Background |
| INORG | Aluminum             | A-26          | 12000                        | 9,200                     | Outside MSA Background |
| INORG | Arsenic              | A-26          | 13                           | 11.3                      | Outside MSA Background |
| INORG | <del></del>          | A-26          | 0.76                         | 0.56                      | Outside MSA Background |
|       | Beryllium<br>Calcium | A-26          | 58000                        | 5,525                     | Outside MSA Background |
| INORG |                      |               |                              |                           |                        |
| INORG | Chromium             | A-26          | 9.4                          | 13.0<br>8.9               | Outside MSA Background |
| INORG | Cobalt               | A-26          |                              |                           | Outside MSA Background |
| INORG | Copper               | A-26          | 45                           | 12.0                      | Outside MSA Background |
| INORG | Iron                 | A-26          | 30000                        | 15,000                    | Outside MSA Background |
| INORG | Lead                 | A-26          | 24                           | 20.9                      | Outside MSA Background |
| INORG | Magnesium            | A-26          | 29000                        | 2,700                     | Outside MSA Background |
| INORG | Nickel               | A-26          | 34                           | 13.0                      | Outside MSA Background |
| INORG | Potassium            | A-26          | 2700                         | 1,100                     | Outside MSA Background |
| INORG | Sodium               | A-26          | 200                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium             | A-26          | 29                           | 25.0                      | Outside MSA Background |
| INORG | Aluminum             | A-27          | 15000                        | 9,200                     | Outside MSA Background |
| INORG | Beryllium            | A-27          | 0.86                         | 0.56                      | Outside MSA Background |
| INORG | Calcium              | A-27          | 71000                        | 5,525                     | Outside MSA Background |
| INORG | Chromium             | A-27          | 30                           | 13.0                      | Outside MSA Background |
| INORG | Cobalt               | A-27          | 16                           | 8.9                       | Outside MSA Background |
| INORG | Copper               | A-27          | 32                           | 12.0                      | Outside MSA Background |
| INORG | Iron                 | A-27          | 28000                        | 15,000                    | Outside MSA Background |
|       |                      |               |                              | 2,700                     | Outside MSA Background |
| INORG | Magnesium            | A-27          | 35000                        |                           |                        |
| INORG | Nickel               | A-27          | 44                           | 13.0                      | Outside MSA Background |
| INORG | Potassium            | A-27          | 3900                         | 1,100                     | Outside MSA Background |
| INORG | Sodium               | A-27          | 360                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium             | A-27          | 30                           | 25.0                      | Outside MSA Background |
| INORG | Aluminum             | A-28          | 14000                        | 9,200                     | Outside MSA Background |
| INORG | Beryllium            | A-28          | 0.83                         | 0.56                      | Outside MSA Background |
| INORG | Calcium              | A-28          | 76000                        | 5,525                     | Outside MSA Background |
| INORG | Chromium             | A-28          | 34                           | 13.0                      | Outside MSA Background |
| INORG | Cobalt               | A-28          | 14                           | 8.9                       | Outside MSA Background |
| INORG | Copper               | A-28          | 30                           | 12.0                      | Outside MSA Background |
| INORG | Iron                 | A-28          | 32000                        | 15,000                    | Outside MSA Background |
| INORG | Magnesium            | A-28          | 37000                        | 2,700                     | Outside MSA Background |
| INORG | Nickel               | A-28          | 44                           | 13.0                      | Outside MSA Background |
| INORG | Potassium            | A-28          | 3200                         | 1,100                     | Outside MSA Background |
| INORG | Sodium               | A-28          | 350                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium             | A-28          | 28                           | 25.0                      | Outside MSA Background |
| INORG | Zinc                 | A-28          | 63                           | 60.2                      | Outside MSA Background |
| INORG | Aluminum             | A-29          | 16000                        | 9,200                     | Outside MSA Background |
| INORG | Beryllium            | A-29          | 0.88                         | 0.56                      | Outside MSA Background |
|       |                      | A-29<br>A-29  | 97000                        | 5,525                     | Outside MSA Background |
| INORG | Charming             |               |                              | <del>,</del>              | Outside MSA Background |
| INORG | Chromium             | A-29          | 31                           | 13.0                      |                        |
| INORG | Cobalt               | A-29          | 21                           | 8.9                       | Outside MSA Background |
| INORG | Copper               | A-29          | 39                           | 12.0                      | Outside MSA Background |
| INORG | Iron                 | A-29          | 32000                        | 15,000                    | Outside MSA Background |
| INORG | Magnesium            | A-29          | 45000                        | 2,700                     | Outside MSA Background |
| INORG | Manganese            | A-29          | 670                          | 630                       | Outside MSA Background |
| INORG | Nickel               | A-29          | 54                           | 13.0                      | Outside MSA Background |
| INORG | Potassium            | A-29          | 3800                         | 1,100                     | Outside MSA Background |
| INORG | Selenium             | A-29          | 1.2                          | 0.37                      | Outside MSA Background |
| INORG | Sodium               | A-29          | 240                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium             | A-29          | 33                           | 25.0                      | Outside MSA Background |
|       |                      | /             |                              |                           | Outside MSA Background |

<sup>\* -</sup> result and RO units are mg/L

Project: Franklin - EB
Laboratory: STAT ANALYSIS

| Test  | Chemical             | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                              |
|-------|----------------------|---------------|------------------------------|---------------------------|---|
| INORG | Aluminum             | A-30          | 14000                        | 9,200                     | Outside MSA Background                        |
| INORG | Beryllium            | A-30          | 0.95                         | 0.56                      | Outside MSA Background                        |
| INORG | Calcium              | A-30          | 54000                        | 5,525                     | Outside MSA Background                        |
| INORG | Chromium             | A-30          | 27                           | 13.0                      | Outside MSA Background                        |
| INORG | Cobalt               | A-30          | 18                           | 8.9                       | Outside MSA Background                        |
| INORG | Copper               | A-30          | 54                           | 12.0                      | Outside MSA Background                        |
| INORG | Iron                 | A-30          | 39000                        | 15,000                    | Outside MSA Background                        |
| INORG | Lead                 | A-30          | 26                           | 20.9                      | Outside MSA Background                        |
| INORG | Magnesium            | A-30          | 27000                        | 2,700                     | Outside MSA Background                        |
| INORG | Nickel               | A-30          | 57                           | 13.0                      | Outside MSA Background                        |
| INORG | Potassium            | A-30          | 3000                         | 1,100                     | Outside MSA Background                        |
| INORG | Selenium             | A-30          | 1.9                          | 0.37                      | Outside MSA Background                        |
| INORG | Sodium               | A-30          | 680                          | 130.0                     | Outside MSA Background                        |
| INORG | Vanadium             | A-30          | 31                           | 25.0                      | Outside MSA Background                        |
| INORG | Zinc                 | A-30          | 98                           | 60.2                      | Outside MSA Background                        |
| INORG | Aluminum             | A-31          | 16000                        | 9,200                     | Outside MSA Background                        |
| INORG |                      | A-31          | 0.90                         | 0.56                      | Outside MSA Background                        |
| INORG | Beryllium<br>Calcium |               | 73000                        | -                         | Outside MSA Background                        |
| INORG |                      | A-31<br>A-31  | 73000                        | 5,525                     |   |
| INORG | Chromium<br>Cobalt   |               | 19                           | 13.0<br>8.9               | Outside MSA Background Outside MSA Background |
| INORG |                      | A-31          | 33                           |                           |   |
|       | Copper               | A-31          |                              | 12.0                      | Outside MSA Background                        |
| INORG | Iron                 | A-31          | 31000                        | 15,000                    | Outside MSA Background                        |
| INORG | Magnesium            | A-31          | 35000                        | 2,700                     | Outside MSA Background                        |
| INORG | Nickel               | A-31          | 49                           | 13.0                      | Outside MSA Background                        |
| INORG | Potassium            | A-31          | 3700                         | 1,100                     | Outside MSA Background                        |
| INORG | Sodium               | A-31          | 350                          | 130.0                     | Outside MSA Background                        |
| INORG | Vanadium             | A-31          | 30                           | 25.0                      | Outside MSA Background                        |
| INORG | Zinc                 | A-31          | 66                           | 60.2                      | Outside MSA Background                        |
| INORG | Aluminum             | A-32          | 15000                        | 9,200                     | Outside MSA Background                        |
| INORG | Beryllium            | A-32          | 0.79                         | 0.56                      | Outside MSA Background                        |
| INORG | Calcium              | A-32          | 74000                        | 5,525                     | Outside MSA Background                        |
| INORG | Chromium             | A-32          | 27                           | 13.0                      | Outside MSA Background                        |
| INORG | Cobalt               | A-32          | 15                           | 8.9                       | Outside MSA Background                        |
| INORG | Copper               | A-32          | 29                           | 12.0                      | Outside MSA Background                        |
| INORG | Iron                 | A-32          | 28000                        | 15,000                    | Outside MSA Background                        |
| INORG | Magnesium            | A-32          | 33000                        | 2,700                     | Outside MSA Background                        |
| INORG | Nickel               | A-32          | 42                           | 13.0                      | Outside MSA Background                        |
| INORG | Potassium            | A-32          | 2600                         | 1,100                     | Outside MSA Background                        |
| INORG | Sodium               | A-32          | 740                          | 130.0                     | Outside MSA Background                        |
| INORG | Vanadium             | A-32          | 27                           | 25.0                      | Outside MSA Background                        |
| INORG | Zinc                 | A-32          | 64                           | 60.2                      | Outside MSA Background                        |
| INORG | Aluminum             | A-33          | 16000                        | 9,200                     | Outside MSA Background                        |
| INORG | Beryllium            | A-33          | 0.86                         | 0.56                      | Outside MSA Background                        |
| INORG | Calcium              | A-33          | 81000                        | 5,525                     | Outside MSA Background                        |
| INORG | Chromium             | A-33          | 31                           | 13.0                      | Outside MSA Background                        |
| INORG | Cobalt               | A-33          | 20                           | 8.9                       | Outside MSA Background                        |
| INORG | Copper               | A-33          | 34                           | 12.0                      | Outside MSA Background                        |
| INORG | Iron                 | A-33          | 29000                        | 15,000                    | Outside MSA Background                        |
| INORG | Magnesium            | A-33          | 38000                        | 2,700                     | Outside MSA Background                        |
| INORG | Nickel               | A-33          | 50                           | 13.0                      | Outside MSA Background                        |
| INORG | Potassium            | A-33          | 3900                         | 1,100                     | Outside MSA Background                        |
| INORG | Sodium               | A-33          | 240                          | 130.0                     | Outside MSA Background                        |
| INORG | Vanadium             | A-33          | 31                           | 25.0                      | Outside MSA Background                        |
| INORG | Zinc                 | A-33          | 69                           | 60.2                      | Outside MSA Background                        |
| INORG | Aluminum             | A-34          | 14000                        | 9,200                     | Outside MSA Background                        |
| INORG | Beryllium            | A-34          | 0.85                         | 0.56                      | Outside MSA Background                        |
| INORG | Calcium              | A-34          | 79000                        | 5,525                     | Outside MSA Background                        |
|       |                      |               |                              |                           | Outside MSA Background                        |
| INORG | Chromium             | A-34          | 28                           | 13.0                      | Outside MISA Dackground                       |

### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin - EB

| Test  | Chemical    | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway           |
|-------|-------------|---------------|------------------------------|---------------------------|----------------------------|
| INORG | Cobalt      | A-34          | 19                           | 8.9                       | Outside MSA Background     |
| INORG | Copper      | A-34          | 32                           | 12.0                      | Outside MSA Background     |
| INORG | Iron        | A-34          | 27000                        | 15,000                    | Outside MSA Background     |
| INORG | Magnesium   | A-34          | 37000                        | 2,700                     | Outside MSA Background     |
| INORG | Nickel      | A-34          | 46                           | 13.0                      | Outside MSA Background     |
| INORG | Potassium   | A-34          | 3700                         | 1,100                     | Outside MSA Background     |
| INORG | Sodium      | A-34          | 250                          | 130.0                     | Outside MSA Background     |
| INORG | Vanadium    | A-34          | 30                           | 25.0                      | Outside MSA Background     |
| PNA   | Naphthalene | A-18          | 0.41                         | 0.17                      | Outside MSA Background     |
| PNA   | Naphthalene | A-18          | 0.41                         | 0.04                      | City of Chicago Background |

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 01, 2019

Environmental Group Services, Ltd. 557 W. Polk Chicago, IL 60610

Telephone: (312) 447-1200 Fax: (312) 447-0922

Analytical Report for STAT Work Order: 19010565 Revision 1

RE: Franklin-EB

Dear Bill Lennon:

STAT Analysis received 17 samples for the referenced project on 1/22/2019 5:05:00 PM. The analytical results are presented in the following report.

This report is revised to reflect changes made after the last report revision.

All analyses were performed in accordance with the requirements of 35 IAC part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

**Project Manager** 

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: February 01, 2019

Client: Environmental Group Services, Ltd.

Project: Franklin-EB Work Order Sample Summary

Work Order: 19010565 Revision 1

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date       | Date Received |
|---------------|------------------|------------|-----------------------|---------------|
| 19010565-001A | A-1              |            | 1/22/2019 6:00:00 AM  | 1/22/2019     |
| 19010565-001B | A-1              | •          | 1/22/2019 6:00:00 AM  | 1/22/2019     |
| 19010565-002A | A-2              |            | 1/22/2019 6:15:00 AM  | 1/22/2019     |
| 19010565-002B | A-2              |            | 1/22/2019 6:15:00 AM  | 1/22/2019     |
| 19010565-003A | A-3              | •          | 1/22/2019 6:30:00 AM  | 1/22/2019     |
| 19010565-003B | A-3              |            | 1/22/2019 6:30:00 AM  | 1/22/2019     |
| 19010565-004A | A-4              |            | 1/22/2019 6:45:00 AM  | 1/22/2019     |
| 19010565-004B | A-4              |            | 1/22/2019 6:45:00 AM  | 1/22/2019     |
| 19010565-005A | A-5              | •          | 1/22/2019 7:00:00 AM  | 1/22/2019     |
| 19010565-005B | A-5              |            | 1/22/2019 7:00:00 AM  | 1/22/2019     |
| 19010565-006A | A-6              |            | 1/22/2019 7:15:00 AM  | 1/22/2019     |
| 19010565-006B | A-6              |            | 1/22/2019 7:15:00 AM  | 1/22/2019     |
| 19010565-007A | A-7              |            | 1/22/2019 7:30:00 AM  | 1/22/2019     |
| 19010565-007B | A-7              |            | 1/22/2019 7:30:00 AM  | 1/22/2019     |
| 19010565-008A | A-8              |            | 1/22/2019 7:45:00 AM  | 1/22/2019     |
| 19010565-008B | A-8              |            | 1/22/2019 7:45:00 AM  | 1/22/2019     |
| 19010565-009A | A-9              |            | 1/22/2019 8:00:00 AM  | 1/22/2019     |
| 19010565-009B | A-9              |            | 1/22/2019 8:00:00 AM  | 1/22/2019     |
| 19010565-010A | A-10             | •          | 1/22/2019 8:15:00 AM  | 1/22/2019     |
| 19010565-010B | A-10             |            | 1/22/2019 8:15:00 AM  | 1/22/2019     |
| 19010565-011A | A-11             | •          | 1/22/2019 8:30:00 AM  | 1/22/2019     |
| 19010565-011B | A-11             |            | 1/22/2019 8:30:00 AM  | 1/22/2019     |
| 19010565-012A | A-12             | ,          | 1/22/2019 8:45:00 AM  | 1/22/2019     |
| 19010565-012B | A-12             |            | 1/22/2019 8:45:00 AM  | 1/22/2019     |
| 19010565-013A | A-13             |            | 1/22/2019 9:00:00 AM  | 1/22/2019     |
| 19010565-013B | A-13             |            | 1/22/2019 9:00:00 AM  | 1/22/2019     |
| 19010565-014A | A-14             |            | 1/22/2019 9:15:00 AM  | 1/22/2019     |
| 19010565-014B | A-14             |            | 1/22/2019 9:15:00 AM  | 1/22/2019     |
| 19010565-015A | A-15             |            | 1/22/2019 9:30:00 AM  | 1/22/2019     |
| 19010565-015B | A-15             |            | 1/22/2019 9:30:00 AM  | 1/22/2019     |
| 19010565-016A | A-16             |            | 1/22/2019 9:45:00 AM  | 1/22/2019     |
| 19010565-016B | A-16             |            | 1/22/2019 9:45:00 AM  | 1/22/2019     |
| 19010565-017A | A-17             |            | 1/22/2019 10:00:00 AM | 1/22/2019     |
| 19010565-017B | A-17             |            | 1/22/2019 10:00:00 AM | 1/22/2019     |
|               |                  |            |                       |               |

Date: February 01, 2019

**CLIENT:** 

Environmental Group Services, Ltd.

Project:

Franklin-EB

Work Order:

19010565 Revision 1

**CASE NARRATIVE** 

At the customer's request, sample A-13 (19010565-013) was re-digested and analyzed for Arsenic. Results of the re-digestion and analysis are contained in this report revision.

The total mercury Matrix Spike/Matrix Spike Duplicate (MS/MSD) prepared from sample A-17 (19010565-017) had recovery outside control limits (74% (MSD) recovery, QC limits 75-125%). Recovery in the MS and Relative Percent Difference (RPD) between the MS and MSD were within control limits.

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID:

Franklin-EB

19010565-001

Client Sample ID: A-1

Collection Date: 1/22/2019 6:00:00 AM

Matrix: Soil

| Analyses                               | Result | RL (      | Qualifier Units   | DF                     | Date Analyze |
|--|--------|-----------|-------------------|------------------------|--------------|
| Volatile Organic Compounds by GC/MS    | SW5    | 035/8260B | Prep              | Date: 1/22/2019        | Analyst: ER  |
| Acetone                                | ND     | 0.078     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Benzene                                | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Bromodichloromethane                   | ND     | 0.0052    | mg/Kg-dry         | 1 ,                    | 1/23/2019    |
| Bromoform                              | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Bromomethane                           | ND     | 0.010     | mg/Kg-dry         | 1                      | 1/23/2019    |
| 2-Butanone                             | ND     | 0.078     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Carbon disulfide                       | ND     | 0.052     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Carbon tetrachloride                   | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Chlorobenzene                          | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Chloroethane                           | ND     | 0.010     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Chloroform                             | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Chloromethane                          | ND     | 0.010     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Dibromochloromethane                   | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,1-Dichloroethane                     | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,2-Dichloroethane                     | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,1-Dichloroethene                     | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| cis-1,2-Dichloroethene                 | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| trans-1,2-Dichloroethene               | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,2-Dichloropropane                    | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| cis-1,3-Dichloropropene                | ND     | 0.0020    | mg/Kg-dry         | 1                      | 1/23/2019    |
| trans-1,3-Dichloropropene              | ND     | 0.0020    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Ethylbenzene                           | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 2-Hexanone                             | ND     | 0.020     | mg/Kg-dry         | 1                      | 1/23/2019    |
| 4-Methyl-2-pentanone                   | ND     | 0.020     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Methylene chloride                     | ND     | 0.010     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Methyl tert-butyl ether                | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Styrene                                | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane              | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Tetrachloroethene                      | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Toluene                                | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,1,1-Trichloroethane                  | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| 1,1,2-Trichloroethane                  | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Trichloroethene                        | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Vinyl chloride                         | ND     | 0.0052    | mg/Kg-dry         | 1                      | 1/23/2019    |
| Xylenes, Total                         | ND     | 0.016     | mg/Kg-dry         | 1                      | 1/23/2019    |
| Semivolatile Organic Compounds by GC/M | s swa  | 270C (SW3 | <b>550B)</b> Prep | Date: <b>1/25/2019</b> | Analyst: FP  |
| Acenaphthene                           | ND     | 0.040     | mg/Kg-dry         | 1                      | 1/27/2019    |
| Acenaphthylene                         | ND     | 0.040     | mg/Kg-dry         | 1                      | 1/27/2019    |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID:

Franklin-EB 19010565-001

Client Sample ID: A-1

Collection Date: 1/22/2019 6:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF             | Date Analyzed |
|---|--------|----------|-----------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | .70C (SW | 3550B)    | Prep      | Date: 1/25/201 | 9 Analyst: FP |
| Aniline                                 | ND     | 0.40     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Anthracene                              | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benz(a)anthracene                       | ND     | 0.040    | •         | mg/Kg-dry | 1              | 1/27/2019     |
| Benzidine                               | ND     | 0.40     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benzo(a)pyrene                          | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benzoiç acid                            | ND     | 0.99     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Benzyl alcohol                          | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.99     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Butyl benzyl phthalate                  | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Carbazole                               | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 4-Chloroaniline                         | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.40     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 2-Chloronaphthalene                     | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 2-Chlorophenol                          | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Chrysene                                | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Dibenzofuran                            | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Diethyl phthalate                       | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Dimethyl phthalate                      | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 2,4-Dinitrophenol                       | ND     | 0.99     |           | mg/Kg-dry | 1              | 1/27/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.040    |           | mg/Kg-dry | 1              | , 1/27/2019   |
| 2,6-Dinitrotoluene                      | ND     | 0.040    |           | mg/Kg-dry | 1              | 1/27/2019     |
| Di-n-butyl phthalate                    | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |
| Di-n-octyl phthalate                    | ND     | 0.20     |           | mg/Kg-dry | 1              | 1/27/2019     |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**Date Printed:** February 01, 2019

Environmental Group Services, Ltd. Client:

Work Order: 19010565 Revision 1

Franklin-EB Project:

19010565-001 Lab ID:

| ANA          | $\mathbf{I}.\mathbf{Y}$ | ri <i>c i</i> | M.R | ESI | <b>II</b> .' | TS         |
|--------------|-------------------------|---------------|-----|-----|--------------|------------|
| $\mathbf{A}$ |                         |               |     |     |              | <b>.</b> . |

Client Sample ID: A-1

Collection Date: 1/22/2019 6:00:00 AM

Matrix: Soil

| Semivolatile Organic Compounds by GC/MS   SW8270C (SW3550B)   Prep   Date: 1/25/2019   Analyst: FP   | Analyses                                | Result | RL        | Qualifie | r Units   | DF              | Date Analyzed |
|--|---|--------|-----------|----------|-----------|-----------------|---------------|
| Fluorene   | Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3 | 550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Hexachlorobenzene   ND   |   |        | 0.040     | •        | mg/Kg-dry | 1               | 1/27/2019     |
| Hexachlorobutadiene  | Fluorene                                | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/27/2019     |
| Hexachlorocyclopentadiene  | Hexachlorobenzene                       | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Hexachloroethane   | Hexachlorobutadiene                     | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Indeno(1,2,3-cd)pyrene   ND  | Hexachlorocyclopentadiene               | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Isophorone   | Hexachloroethane                        | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2-Methylnaphthalene         ND         0.20         mg/Kg-dry         1         1/27/2019           2-Methylphenol         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Methylphenol         ND         0.20         mg/Kg-dry         1         1/27/2019           A-Methylphenol         ND         0.20         mg/Kg-dry         1         1/27/2019           A-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           3-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitrosonimethylamine         ND         0.20         mg/Kg-dry         1         1/27/2019           N-Nitrosodiin-propylamine         ND         0.20         mg/Kg-dry         1         1/27/2019           N-Nitrosodiin-propylamine         ND         0.040         mg/Kg-dry         1         1/27/2019  | Indeno(1,2,3-cd)pyrene                  | ND     | 0.040     | : '      | mg/Kg-dry | 1               | 1/27/2019     |
| 2-Methylphenol ND 0.20 mg/Kg-dry 1 1/27/2019 4-Methylphenol ND 0.20 mg/Kg-dry 1 1/27/2019 Naphthalene ND 0.040 mg/Kg-dry 1 1/27/2019 2-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 3-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitrophenol ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrobenzene ND 0.40 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/Kg-dry 1 1/27/2019 Pentachlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 Pentachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 Phenanthrene ND 0.040 mg/Kg-dry 1 1/27/2019 Phenol ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.20 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.92 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.92 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.92 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.00 mg/Kg-dry 1 1/27/2019   | Isophorone                              | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 4-Methylphenol ND 0.20 mg/kg-dry 1 1/27/2019 Naphthalene ND 0.040 mg/kg-dry 1 1/27/2019 2-Nitroaniline ND 0.20 mg/kg-dry 1 1/27/2019 3-Nitroaniline ND 0.20 mg/kg-dry 1 1/27/2019 3-Nitroaniline ND 0.20 mg/kg-dry 1 1/27/2019 4-Nitroaniline ND 0.20 mg/kg-dry 1 1/27/2019 2-Nitrophenol ND 0.20 mg/kg-dry 1 1/27/2019 4-Nitrophenol ND 0.20 mg/kg-dry 1 1/27/2019 4-Nitrobenzene ND 0.40 mg/kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.040 mg/kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.040 mg/kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.20 mg/kg-dry 1 1/27/2019 P-natchlorophenol ND 0.20 mg/kg-dry 1 1/27/2019 P-henathlorophenol ND 0.000 mg/kg-dry 1 1/27/2019 Phenathlorophenol ND 0.000 mg/kg-dry 1 1/27/2019 Phenol ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.020 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/kg-dry 1 1/27/2019 Pyrene ND 0.000 mg/k | 2-Methylnaphthalene                     | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Naphthalene         ND         0.040         mg/Kg-dry         1         1/27/2019           2-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           3-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitroaniline         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitrophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           4-Nitrophenol         ND         0.40         mg/Kg-dry         1         1/27/2019           4-Nitrobenzene         ND         0.040         mg/Kg-dry         1         1/27/2019           N-Nitrosodin-propylamine         ND         0.040         mg/Kg-dry         1         1/27/2019           N-Nitrosodimethylamine         ND         0.20         mg/Kg-dry         1         1/27/2019  | 2-Methylphenol                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2-Nitroaniline 3-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 3-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 2-Nitrophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2-Nitrophenol ND 0.40 mg/Kg-dry 1 1/27/2019 N-Nitrophenol ND 0.40 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 Pentachlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 Phenanthrene ND 0.080 mg/Kg-dry 1 1/27/2019 Phenol ND 0.080 mg/Kg-dry 1 1/27/2019 Phenol ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.020 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.020 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.020 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.020 mg/Kg-dry 1 1/27/2019 2,4,5-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,5-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 PCBs SW8082A (SW3550B) Prep Date: 1/25/2019 Analyst: GV Aroclor 1221 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1232 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1254  | 4-Methylphenol                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 3-Nitroaniline  ND  0.20  mg/Kg-dry  1  1/27/2019 4-Nitroaniline ND  0.20  mg/Kg-dry 1  1/27/2019 2-Nitrophenol ND  0.20  mg/Kg-dry 1  1/27/2019 4-Nitrophenol ND  0.20  mg/Kg-dry 1  1/27/2019  4-Nitrophenol ND  0.40  mg/Kg-dry 1  1/27/2019  Nitrobenzene ND  0.040  mg/Kg-dry 1  1/27/2019  N-Nitrosodin-propylamine ND  0.040  mg/Kg-dry 1  1/27/2019  N-Nitrosodimethylamine ND  0.20  mg/Kg-dry 1  1/27/2019  N-Nitrosodimethylamine ND  0.20  mg/Kg-dry 1  1/27/2019  N-Nitrosodiphenylamine ND  0.20  mg/Kg-dry 1  1/27/2019  Pentachlorophenol ND  0.020  mg/Kg-dry 1  1/27/2019  Phenanthrene ND  0.040  mg/Kg-dry 1  1/27/2019  Phenol ND  0.040  mg/Kg-dry 1  1/27/2019  Phenol ND  0.040  mg/Kg-dry 1  1/27/2019  Pyrene ND  0.040  mg/Kg-dry 1  1/27/2019  Pyrene ND  0.040  mg/Kg-dry 1  1/27/2019  Pyrene ND  0.040  mg/Kg-dry 1  1/27/2019  Pyridine ND  0.020  mg/Kg-dry 1  1/27/2019  Pyridine ND  0.020  mg/Kg-dry 1  1/27/2019  Pyridine ND  0.020  mg/Kg-dry 1  1/27/2019  1/24-Trichlorobenzene ND  0.020  mg/Kg-dry 1  1/27/2019  2,4,5-Trichlorophenol ND  0.20  mg/Kg-dry 1  1/27/2019  2,4,5-Trichlorophenol ND  0.020  mg/Kg-dry 1  1/27/2019  PCBs  SW8082A (SW3550B)  Prep Date: 1/25/2019  Aroclor 1016 ND  0.095  mg/Kg-dry 1  1/25/2019  Aroclor 1232  ND  0.095  mg/Kg-dry 1  1/25/2019  Aroclor 1248  ND  0.095  mg/Kg-dry 1  1/25/2019  Aroclor 1254  ND  0.095  mg/Kg-dry 1  1/25/2019  Aroclor 1248  ND  0.095  mg/Kg-dry 1  1/25/2019  Aroclor 1254   | Naphthalene                             | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/27/2019     |
| 4-Nitroaniline ND 0.20 mg/Kg-dry 1 1/27/2019 2-Nitrophenol ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitrophenol ND 0.40 mg/Kg-dry 1 1/27/2019 Nitrobenzene ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodin-propylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodiphenylamine ND 0.20 mg/Kg-dry 1 1/27/2019 2, 2'-oxybis(1-Chloropropane) ND 0.20 mg/Kg-dry 1 1/27/2019 Pentachlorophenol ND 0.080 mg/Kg-dry 1 1/27/2019 Phenanthrene ND 0.040 mg/Kg-dry 1 1/27/2019 Phenol ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.20 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.92 mg/Kg-dry 1 1/27/2019 1,2,4-Trichlorobenzene ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,5-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,6-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,6-Trichlorophenol ND 0.095 mg/Kg-dry 1 1/27/2019 Aroclor 1016 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1232 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1242 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1254  | 2-Nitroaniline                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2-Nitrophenol ND 0.20 mg/Kg-dry 1 1/27/2019 4-Nitrophenol ND 0.40 mg/Kg-dry 1 1/27/2019 Nitrobenzene ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-nethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodiphenylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodiphenylamine ND 0.20 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.080 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.040 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.0000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.0000 mg/Kg-dry 1 1/27/2019 P-entachlorophenol ND 0.0000 mg/Kg-dry 1 1/25/2019                                   | 3-Nitroaniline                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 4-Nitrophenol ND 0.40 mg/Kg-dry 1 1/27/2019 Nitrobenzene ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodi-n-propylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodiphenylamine ND 0.20 mg/Kg-dry 1 1/27/2019 2, 2'-oxybis(1-Chloropropane) ND 0.20 mg/Kg-dry 1 1/27/2019 Pentachlorophenol ND 0.080 mg/Kg-dry 1 1/27/2019 Phenanthrene ND 0.040 mg/Kg-dry 1 1/27/2019 Phenol ND 0.20 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.92 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.92 mg/Kg-dry 1 1/27/2019 1,2,4-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,5-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,6-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,6-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 PCBs SW8082A (SW3550B) Prep Date: 1/25/2019 Analyst: GV Aroclor 1016 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1221 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1232 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1242 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1254 ND 0.095 mg/Kg-dry 1 1/25/2019  | 4-Nitroaniline                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Nitrobenzene         ND         0.040         mg/Kg-dry         1         1/27/2019           N-Nitrosodi-n-propylamine         ND         0.040         mg/Kg-dry         1         1/27/2019           N-Nitrosodimethylamine         ND         0.20         mg/Kg-dry         1         1/27/2019           N-Nitrosodiphenylamine         ND         0.20         mg/Kg-dry         1         1/27/2019           N-Nitrosodiphenylamine         ND         0.20         mg/Kg-dry         1         1/27/2019           N-Nitrosodiphenylamine         ND         0.20         mg/Kg-dry         1         1/27/2019           Pentachlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           Pentachlorophenol         ND         0.040         mg/Kg-dry         1         1/27/2019           Phenanthrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Phenol         ND         0.040         mg/Kg-dry         1         1/27/2019           Pyrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Pyrene         ND         0.92         mg/Kg-dry         1         1/27/2019           1,2,  | 2-Nitrophenol                           | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| N-Nitrosodi-n-propylamine ND 0.040 mg/Kg-dry 1 1/27/2019 N-Nitrosodimethylamine ND 0.20 mg/Kg-dry 1 1/27/2019 N-Nitrosodiphenylamine ND 0.20 mg/Kg-dry 1 1/27/2019 2, 2'-oxybis(1-Chloropropane) ND 0.20 mg/Kg-dry 1 1/27/2019 Pentachlorophenol ND 0.080 mg/Kg-dry 1 1/27/2019 Phenanthrene ND 0.040 mg/Kg-dry 1 1/27/2019 Phenol ND 0.20 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyrene ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.040 mg/Kg-dry 1 1/27/2019 Pyridine ND 0.092 mg/Kg-dry 1 1/27/2019 2,4,5-Trichlorobenzene ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,5-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,6-Trichlorophenol ND 0.20 mg/Kg-dry 1 1/27/2019 2,4,6-Trichlorophenol ND 0.00 mg/Kg-dry 1 1/27/2019 PCBs SW8082A (SW3550B) Prep Date: 1/25/2019 Analyst: GV Aroclor 1016 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1232 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1242 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1248 ND 0.095 mg/Kg-dry 1 1/25/2019 Aroclor 1254   | 4-Nitrophenol                           | ND     | 0.40      |          | mg/Kg-dry | 1               | 1/27/2019     |
| N-Nitrosodimethylamine N-Nitrosodimethylamine N-Nitrosodiphenylamine | Nitrobenzene                            | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/27/2019     |
| N-Nitrosodiphenylamine  ND  0.20  mg/Kg-dry  1  1/27/2019  2, 2'-oxybis(1-Chloropropane)  ND  0.20  mg/Kg-dry  1  1/27/2019  Pentachlorophenol  ND  0.080  mg/Kg-dry  1  1/27/2019  Phenanthrene  ND  0.040  mg/Kg-dry  1  1/27/2019  Phenol  ND  0.20  mg/Kg-dry  1  1/27/2019  Pyrene  ND  0.040  mg/Kg-dry  1  1/27/2019  Pyrene  ND  0.040  mg/Kg-dry  1  1/27/2019  Pyridine  ND  0.92  mg/Kg-dry  1  1/27/2019  Pyridine  ND  0.92  mg/Kg-dry  1  1/27/2019  1,2,4-Trichlorobenzene  ND  0.20  mg/Kg-dry  1  1/27/2019  2,4,5-Trichlorophenol  ND  0.20  mg/Kg-dry  1  1/27/2019  2,4,6-Trichlorophenol  ND  0.20  mg/Kg-dry  1  1/27/2019  PCBs  SW8082A (SW3550B)  Prep Date: 1/25/2019  Analyst: GV  Aroclor 1016  ND  0.095  mg/Kg-dry  1  1/25/2019  Aroclor 1232  ND  0.095  mg/Kg-dry  1  1/25/2019  Aroclor 1242  ND  0.095  mg/Kg-dry  1  1/25/2019  Aroclor 1248  ND  0.095  mg/Kg-dry  1  1/25/2019  Aroclor 1254   | N-Nitrosodi-n-propylamine               | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2, 2'-oxybis(1-Chloropropane)       ND       0.20       mg/Kg-dry       1       1/27/2019         Pentachlorophenol       ND       0.080       mg/Kg-dry       1       1/27/2019         Phenanthrene       ND       0.040       mg/Kg-dry       1       1/27/2019         Phenol       ND       0.20       mg/Kg-dry       1       1/27/2019         Pyrene       ND       0.040       mg/Kg-dry       1       1/27/2019         Pyridine       ND       0.92       mg/Kg-dry       1       1/27/2019         1,2,4-Trichlorobenzene       ND       0.20       mg/Kg-dry       1       1/27/2019         2,4,5-Trichlorophenol       ND       0.20       mg/Kg-dry       1       1/27/2019         2,4,6-Trichlorophenol       ND       0.20       mg/Kg-dry       1       1/27/2019         PCBs       SW8082A (SW3550B)       Prep Date: 1/25/2019       Analyst: GV         Aroclor 1016       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1221       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1232       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1248 <td>N-Nitrosodimethylamine</td> <td>ND</td> <td>0.20</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>1/27/2019</td>  | N-Nitrosodimethylamine                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Pentachlorophenol         ND         0.080         mg/Kg-dry         1         1/27/2019           Phenanthrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Phenol         ND         0.20         mg/Kg-dry         1         1/27/2019           Pyrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Pyridine         ND         0.92         mg/Kg-dry         1         1/27/2019           1,2,4-Trichlorobenzene         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,5-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.0  | N-Nitrosodiphenylamine                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Phenanthrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Phenol         ND         0.20         mg/Kg-dry         1         1/27/2019           Pyrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Pyridine         ND         0.92         mg/Kg-dry         1         1/27/2019           1,2,4-Trichlorobenzene         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,5-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095 <td>2, 2'-oxybis(1-Chloropropane)</td> <td>ND</td> <td>0.20</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>1/27/2019</td>   | 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Phenol         ND         0.20         mg/Kg-dry         1         1/27/2019           Pyrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Pyridine         ND         0.92         mg/Kg-dry         1         1/27/2019           1,2,4-Trichlorobenzene         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,5-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095 <td>Pentachlorophenol</td> <td>ND</td> <td>0.080</td> <td></td> <td>mg/Kg-dry</td> <td>1</td> <td>1/27/2019</td>  | Pentachlorophenol                       | ND     | 0.080     |          | mg/Kg-dry | 1               | 1/27/2019     |
| Pyrene         ND         0.040         mg/Kg-dry         1         1/27/2019           Pyridine         ND         0.92         mg/Kg-dry         1         1/27/2019           1,2,4-Trichlorobenzene         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,5-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | Phenanthrene                            | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/27/2019     |
| Pyridine         ND         0.92         mg/Kg-dry         1         1/27/2019           1,2,4-Trichlorobenzene         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,5-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | Phenol                                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 1,2,4-Trichlorobenzene       ND       0.20       mg/Kg-dry       1       1/27/2019         2,4,5-Trichlorophenol       ND       0.20       mg/Kg-dry       1       1/27/2019         2,4,6-Trichlorophenol       ND       0.20       mg/Kg-dry       1       1/27/2019         PCBs       SW8082A (SW3550B)       Prep Date: 1/25/2019       Analyst: GV         Aroclor 1016       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1221       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1232       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1242       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1248       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1254       ND       0.095       mg/Kg-dry       1       1/25/2019   | Pyrene                                  | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2,4,5-Trichlorophenol       ND       0.20       mg/Kg-dry       1       1/27/2019         2,4,6-Trichlorophenol       ND       0.20       mg/Kg-dry       1       1/27/2019         PCBs       SW8082A (SW3550B)       Prep Date: 1/25/2019       Analyst: GV         Aroclor 1016       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1221       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1232       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1242       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1248       ND       0.095       mg/Kg-dry       1       1/25/2019         Aroclor 1254       ND       0.095       mg/Kg-dry       1       1/25/2019  | Pyridine                                | ND     | 0.92      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | 1,2,4-Trichlorobenzene                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| 2,4,6-Trichlorophenol         ND         0.20         mg/Kg-dry         1         1/27/2019           PCBs         SW8082A (SW3550B)         Prep Date: 1/25/2019         Analyst: GV           Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | 2,4,5-Trichlorophenol                   | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Aroclor 1016         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | 2,4,6-Trichlorophenol                   | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/27/2019     |
| Aroclor 1221         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | PCBs                                    | SW8    | 082A (SW3 | 550B)    | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1232         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | Aroclor 1016                            | ND     | 0.095     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | Aroclor 1221                            | ND     | 0.095     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1248         ND         0.095         mg/Kg-dry         1         1/25/2019           Aroclor 1254         ND         0.095         mg/Kg-dry         1         1/25/2019  | Aroclor 1232                            | ND     | 0.095     |          | mg/Kg-dry | 1               |               |
| Aroclor 1254 ND 0.095 mg/Kg-dry 1 1/25/2019  | Aroclor 1242                            | ND     | 0.095     | •        | mg/Kg-dry | 1               | 1/25/2019     |
|  | Aroclor 1248                            | ND     | 0.095     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1260 ND 0.095 mg/Kg-dry 1 1/25/2019  | Aroclor 1254                            | ND     | 0.095     |          | mg/Kg-dry | 1               | 1/25/2019     |
|  | Aroclor 1260                            | ND     | 0.095     |          | mg/Kg-dry | 1               | 1/25/2019     |

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

ANALYTICAL RESULTS

February 01, 2019 **Date Printed:** 

**Client:** Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

**Project:** Franklin-EB

19010565-001 Lab ID:

Client Sample ID: A-1 Collection Date: 1/22/2019 6:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualif      | ier Units | DF                     | Date Analyzed      |
|--------------------|--------|----------------|-----------|------------------------|--------------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019        | Analyst: GVC       |
| 4,4´-DDD           | ND     | 0.0019         | mg/Kg-dry | 1 -                    | 1/25/2019          |
| 4,4'-DDE           | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| <b>4,4'-DDT</b> .  | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Aldrin             | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1                      | 1/25/2019          |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Endosulfan sulfate | ` ND   | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1                      | 1/25/2019          |
| Toxaphene          | ND     | 0.039          | mg/Kg-dry | 1                      | 1/25/2019          |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: <b>1/26/2019</b> | Analyst: <b>JG</b> |
| Aluminum           | 13000  | 21             | mg/Kg-dry | 10                     | 1/28/2019          |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10                     | 1/28/2019          |
| Arsenic            | 4.0    | 1.0            | mg/Kg-dry | 10                     | 1/28/2019          |
| Barium             | 30     | 1.0            | mg/Kg-dry | 10                     | 1/28/2019          |
| Beryllium          | 0.80   | 0.52           | mg/Kg-dry | 10                     | 1/28/2019          |
| Cadmium            | ND     | 0.52           | mg/Kg-dry | 10                     | 1/28/2019          |
| Calcium            | 69000  | 62             | mg/Kg-dry | 10                     | 1/28/2019          |
| Chromium           | 24     | 1.0            | mg/Kg-dry | 10                     | 1/28/2019          |
| Cobalt             | . 11   | 1.0            | mg/Kg-dry | 10                     | 1/28/2019          |
| Copper             | 26     | 2.6            | mg/Kg-dry | 10                     | 1/28/2019          |
| Iron               | 23000  | 31             | mg/Kg-dry | 10                     | 1/28/2019          |
| Lead               | 14     | · 0.52         | mg/Kg-dry | 10                     | 1/28/2019          |
| Magnesium          | 34000  | 31             | mg/Kg-dry | 10                     | 1/28/2019          |
| Manganese `        | 420    | 1.0            | mg/Kg-dry | 10                     | 1/28/2019          |
| Nickel             | 31     | 1.0            | mg/Kg-dry | 10                     | 1/28/2019          |

Qualifiers:

ND - Not Detected at the Reporting Limit

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB 19010565-001

Client Sample ID: A-1

Collection Date: 1/22/2019 6:00:00 AM

Matrix: Soil

| Analyses              | Result        | RL        | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|---------------|-----------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | SW6           | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Potassium             | 2900          | 31        |           | mg/Kg-dry | 10              | 1/28/2019     |
| Selenium              | 1.0           | 1.0       | ı         | mg/Kg-dry | 10              | 1/28/2019     |
| Silver                | ND            | 1.0       | r         | mg/Kg-dry | 10              | 1/28/2019     |
| Sodium                | 810           | 62        | r         | mg/Kg-dry | 10              | 1/28/2019     |
| Thallium              | ND            | 1.0       | r         | mg/Kg-dry | 10              | 1/28/2019     |
| Vanadium              | 29            | 1.0       |           | mg/Kg-dry | 10              | 1/28/2019     |
| Zinc                  | . 51          | 5.2       | ı         | mg/Kg-dry | 10              | 1/28/2019     |
| TCLP Metals by ICP/MS | SW1           | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: JG   |
| Antimony              | ND            | 0.015     | •         | mg/L      | 5               | 1/28/2019     |
| Arsenic               | ND            | 0.010     | •         | mg/L      | 5               | 1/28/2019     |
| Barium                | 0.071         | 0.050     |           | mg/L      | 5               | 1/28/2019     |
| Beryllium ·           | ND            | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Cadmium               | ND            | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Chromium              | ND            | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Cobalt                | 0.011         | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Copper                | ND            | 0.10      | •         | mg/L      | 5               | 1/28/2019     |
| Iron                  | ND            | 0.25      |           | mg/L      | 5               | 1/28/2019     |
| Lead                  | ND            | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Manganese             | 2.5           | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Nickel                | 0.025         | 0.020     |           | mg/L      | 5               | 1/28/2019     |
| Selenium              | ND            | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Silver                | ND            | 0.010     | •         | mg/L      | 5               | 1/28/2019     |
| Thallium              | ` ND          | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Vanadium              | ND            | 0.010     | •         | mg/L      | 5               | 1/28/2019     |
| Zinc                  | ND            | 0.050     |           | mg/L      | 5               | 1/28/2019     |
| TCLP Mercury          | SW1:          | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB   |
| Mercury               | ND            | 0.00020   | •         | mg/L      | 1               | 1/27/2019     |
| Mercury               | SW7           | 171B      |           | Prep      | Date: 1/27/2019 | Analyst: LB   |
| Mercury               | 0.023         | 0.020     | r         | ng/Kg-dry | 1               | 1/27/2019     |
| Cyanide, Total        | SW9           | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: CAB  |
| Cyanide               | ND            | 0.30      | r         | mg/Kg-dry | .1              | 1/25/2019     |
| pH (25 °C)            | SW9           | 045C      |           | Prep      | Date: 1/24/2019 | 7             |
| рН                    | 7.60          |           |           | pH Units  | 1               | 1/24/2019     |
| Percent Moisture      | . <b>D297</b> | 4         |           | Prep      | Date: 1/23/2019 | Analyst: RW   |
| Percent Moisture      | 16.6          | 0.2       | •         | wt%       | 1               | 1/24/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** 

Lab ID:

Franklin-EB

19010565-002

Client Sample ID: A-2

Collection Date: 1/22/2019 6:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Unit | s DF               | Date Analyze   |
|---|--------|------------|---------------|--------------------|----------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | P             | rep Date: 1/22/201 | 9 Analyst: ERI |
| Acetone                                 | ND     | 0.082      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Benzene                                 | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Bromodichloromethane                    | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Bromoform                               | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Bromomethane                            | ND     | 0.011      | mg/Kg-c       | dry 1              | 1/23/2019 .    |
| 2-Butanone                              | ND     | 0.082      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Carbon disulfide                        | ND     | 0.054      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Carbon tetrachloride                    | ND     | 0.0054     | mg/Kg-c       |                    | 1/23/2019      |
| Chlorobenzene                           | ND     | 0.0054     | mg/Kg-c       | dry Î              | 1/23/2019      |
| Chloroethane                            | ND     | 0.011      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Chloroform                              | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Chloromethane                           | ND     | 0.011      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Dibromochloromethane                    | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,1-Dichloroethane                      | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,2-Dichloroethane                      | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,1-Dichloroethene                      | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,2-Dichloropropane                     | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0021     | mg/Kg-c       | dry 1              | 1/23/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0021     | mg/Kg-c       | dry 1 '            | 1/23/2019      |
| Ethylbenzene                            | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 2-Hexanone                              | ND     | 0.021      | mg/Kg-c       | dry 1              | 1/23/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.021      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Methylene chloride                      | ND     | 0.011      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Methyl tert-butyl ether                 | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Styrene                                 | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Tetrachloroethene                       | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Toluene                                 | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Trichloroethene                         | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Vinyl chloride                          | ND     | 0.0054     | mg/Kg-c       | dry 1              | 1/23/2019      |
| Xylenes, Total                          | ND     | 0.016      | mg/Kg-c       | dry 1              | 1/23/2019      |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 |               | rep Date: 1/25/201 | •              |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-c       |                    | 1/28/2019      |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-c       | dry 1              | 1/28/2019      |

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Date Reported: February 01, 2019 February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-002

Client Sample ID: A-2

Collection Date: 1/22/2019 6:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | .70C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.41     | ľ         | ng/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041    | · r       | ng/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041    |           | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0      | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | . 1.0    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41     | (i        | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     | n         | ng/Kg-dry | į ·             | 1/28/2019     |
| Chrysene                                | ND     | 0.041    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041    | ri        | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     | П         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21     | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     | ri        | ng/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-002

Client Sample ID: A-2

Collection Date: 1/22/2019 6:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi     | er Units  | DF                     | Date Analyzed |
|---|--------|----------------|-----------|------------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep      | Date: <b>1/25/2019</b> | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| Fluorene                                | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1 '                    | 1/28/2019     |
| Naphthalene                             | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41           | mg/Kg-dry | 1                      | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.041          | mg/Kg-dry | 1 .                    | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.083          | mg/Kg-dry | 1                      | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| Pyrene                                  | ND     | 0.041          | mg/Kg-dry | 1                      | 1/28/2019     |
| Pyridine                                | ND     | 0.96           | mg/Kg-dry | 1                      | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1                      | 1/28/2019     |
| PCBs .                                  | SW80   | 82A (SW3550B)  | Prep      | Date: <b>1/25/2019</b> | •             |
| Aroclor 1016                            | ND     | 0.10           | mg/Kg-dry | 1                      | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.10           | mg/Kg-dry | 1                      | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.10           | mg/Kg-dry | 1 .                    | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.10           | mg/Kg-dry | 1                      | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.10           | mg/Kg-dry | 1                      | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.10           | mg/Kg-dry | 1                      | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.10           | mg/Kg-dry | 1                      | 1/25/2019     |

Qualifiers:

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\* - Non-accredited parameter

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E - Value above quantitation range

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Date Reported: February 01, 2019 **Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-002

**ANALYTICAL RESULTS** 

Client Sample ID: A-2

Collection Date: 1/22/2019 6:15:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifi     | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin             | · ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan İl      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 14000  | 23             | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony           | ND     | 2.3            | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic            | 13     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Barium             | 48     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium          | 0.91   | 0.57           | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.57           | mg/Kg-dry | 10              | 1/28/2019     |
| Calcium            | 64000  | 69             | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium           | 28     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt             | 20     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Copper             | 29     | 2.9            | mg/Kg-dry | 10              | 1/28/2019     |
| Iron               | 25000  | 34             | mg/Kg-dry | 10              | 1/28/2019     |
| Lead               | 19     | 0.57           | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 33000  | 34             | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese          | 480    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Nickel             | 53     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |

Qualifiers:

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: February 01, 2019 **Date Printed:** 

February 01, 2019

Environmental Group Services, Ltd. Client:

Work Order: 19010565 Revision 1

Project: Franklin-EB

Lab ID: 19010565-002

#### **ANALYTICAL RESULTS**

Client Sample ID: A-2

Collection Date: 1/22/2019 6:15:00 AM

Matrix: Soil

| Analyses             | Result | RL Qua        | alifier Units       | DF              | Date Analyzeo      |
|----------------------|--------|---------------|---------------------|-----------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW3050  | B) Prep             | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Potassium            | 3700   | `34           | mg/Kg-dry           | 10              | 1/28/2019          |
| Selenium             | 1.1    | 1.1           | mg/Kg-dry           | 10              | 1/28/2019          |
| Silver               | ND     | 1.1           | mg/Kg-dry           | 10              | 1/28/2019          |
| Sodium               | 210    | 69            | mg/Kg-dry           | 10              | 1/28/2019          |
| Thallium             | ND     | 1.1           | mg/Kg-dry           | 10              | 1/28/2019          |
| Vanadium             | 30     | 1.1           | mg/Kg-dry           | 10              | 1/28/2019          |
| Zinc                 | 58     | 5.7           | mg/Kg-dry           | 10              | 1/28/2019          |
| CLP Metals by ICP/MS | SW1    | 311/6020A (SV | <b>V3005A)</b> Prep | Date: 1/28/2019 | Analyst: JG        |
| Antimony             | ND     | 0.015         | mg/L                | 5               | 1/28/2019          |
| Arsenic              | ND     | 0.010         | · mg/L              | 5               | 1/28/2019          |
| Barium               | 0.72   | 0.050         | mg/L                | 5               | 1/28/2019          |
| Beryllium            | ND     | 0.0050        | mg/L                | 5               | 1/28/2019          |
| Cadmium              | ND     | 0.0050        | mg/L                | 5 ·             | 1/28/2019          |
| Chromium             | ND     | 0.010         | mg/L                | 5               | 1/28/2019          |
| Cobalt               | 0.031  | 0.010         | mg/L                | 5               | 1/28/2019          |
| Copper               | ND     | 0.10          | mg/L                | 5               | 1/28/2019          |
| Iron                 | ND     | 0.25          | mg/L                | 5               | 1/28/2019          |
| Lead                 | ND     | 0.0050        | mg/L                | 5               | 1/28/2019          |
| Manganese            | 3.4    | 0.010         | mg/L                | 5               | 1/28/2019          |
| Nickel               | 0.062  | 0.020         | mg/L                | 5               | 1/28/2019          |
| Selenium             | ND     | 0.010         | mg/L                | 5               | 1/28/2019          |
| Silver               | ND     | 0.010         | mg/L                | 5               | 1/28/2019          |
| Thallium             | ND     | 0.0050        | mg/L                | 5               | 1/28/2019          |
| Vanadium             | ND     | 0.010         | mg/L                | 5               | 1/28/2019          |
| Zinc                 | ND     | 0.050         | mg/L                | 5               | 1/28/2019          |
| CLP Mercury          | SW1    | 311/7470A     | Prep                | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | ND     | 0.00020       | mg/L                | 1               | 1/27/2019          |
| lercury              | SW7    | 471B          | Prep                | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | 0.026  | 0.019         | mg/Kg-dry           | 1               | 1/27/2019          |
| yanide, Total        |        | 012A          | •                   | Date: 1/25/2019 | Analyst: CAI       |
| Cyanide              | ND     | 0.32          | mg/Kg-dry           | 1               | 1/25/2019          |
| H (25 °C)            | SW9    | 045C          | Prep                | Date: 1/24/2019 | Analyst: JT        |
| рН                   | 7.82   |               | pH Units            | 1               | 1/24/2019          |
| Percent Moisture     | D297   | <b>'</b> 4    | Prep                | Date: 1/23/2019 | Analyst: RW        |
| Percent Moisture     | 20.7   | 0.2           | * wt%               | 1               | 1/24/2019          |

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Date Reported: February 01, 2019 February 01, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

Client: Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

**Project:** Franklin-EB

19010565-003 Lab ID:

Client Sample ID: A-3

Collection Date: 1/22/2019 6:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | Qualifier | Units    | DF              | Date Analyzed |
|---|--------|------------|-----------|----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |           | Prep     | Date: 1/22/2019 | Analyst: ERF  |
| Acetone                                 | ND .   | 0.090      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Benzene                                 | ND     | , 0.0060   | m         | g/Kg-dry | 1               | 1/23/2019     |
| Bromodichloromethane                    | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Bromoform                               | ND     | 0.0060     | m         | g/Kg-dry | 1 .             | 1/23/2019     |
| Bromomethane                            | ND     | 0.012      | m         | g/Kg-dry | 1               | 1/23/2019     |
| 2-Butanone                              | ND     | 0.090      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.060      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Chloroethane                            | ND     | 0.012      | _ m       | g/Kg-dry | 1               | 1/23/2019     |
| Chloroform                              | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.012      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0060     | m         | g/Kg-dry | - 1             | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0024     | m         | g/Kg-dry | 1               | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0024     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.024      | m         | g/Kg-dry | 1               | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.024      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Methylene chloride                      | ND     | 0.012      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Styrene                                 | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Toluene                                 | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ^ ND   | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0060     | m         | g/Kg-dry | 1 .             | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0060     | m         | g/Kg-dry | 1               | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.017      | m         | g/Kg-dry | 1               | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 |           |          | Date: 1/25/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.041      |           | g/Kg-dry | 1               | 1/28/2019     |
| Acenaphthylene                          | ND     | 0.041      | m         | g/Kg-dry | 1               | 1/28/2019     |

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Qualifiers:

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

\_\_\_\_\_\_

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-003

Client Sample ID: A-3

Collection Date: 1/22/2019 6:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|-----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3 | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.41      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041     | . n       | ng/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041     | · n       | ng/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41      | п         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041     | п         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0       | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | · ND   | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21      | п         | ng/Kg-dry | 1 ·             | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21      | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21      | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND '   | 0.21      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0       |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041     |           | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/28/2019     |

Qualifiers: J

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: February 01, 2019 **Date Printed:** 

ANALYTICAL RESULTS

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB 19010565-003

Client Sample ID: A-3

Collection Date: 1/22/2019 6:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL (      | Qualifie | er Units  | DF              | Date Analyzed |
|---|--------|-----------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3 | 550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041     | •        | mg/Kg-dry | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.041     | •        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21      | :        | mg/Kg-dry | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.041     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitrophenol +                         | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.041     |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041     |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21      | •        | mg/Kg-dry | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND .   | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.083     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.041     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.96      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21      |          | mg/Kg-dry | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 82A (SW3  | 550B)    | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.098     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.098     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.098     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.098     |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.098     |          | mg/Kg-dry | , 1             | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.098     | •        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.098     |          | mg/Kg-dry | 1               | 1/25/2019     |

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HT - Sample received past holding time

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

February 01, 2019 Date Printed:

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Client Sample ID: A-3

Collection Date: 1/22/2019 6:30:00 AM

Matrix: Soil

| <b>Lab ID:</b> 19010565-003 | Matrix: Soil |          |           |           |                 |               |
|-----------------------------|--------------|----------|-----------|-----------|-----------------|---------------|
| Analyses                    | Result       | RL       | Qualifier | Units     | DF              | Date Analyzed |
| Pesticides                  | SW8          | 081B (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4´-DDD                    | ND           | 0.0020   |           | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDE                    | ND           | 0.0020   | (         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDT                    | ND           | 0.0020   | . (       | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin                      | ND           | 0.0020   |           | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC                   | · ND         | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-Chlordane             | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC                    | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane                   | ND           | 0.020    | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC                   | ND           | 0.0020   |           | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin                    | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I                | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan II               | ND           | 0.0020   | ı         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate          | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin                      | ND           | 0.0020   | Į         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde             | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone               | ND           | 0.0020   | ı         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC                   | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane             | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor                  | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide          | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Methoxychlor                | ND           | 0.0020   | 1         | mg/Kg-dry | 1               | 1/25/2019     |
| Toxaphene                   | ND           | 0.040    | ı         | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS            | SW6          | 020A (SW |           | •         | Date: 1/26/2019 | Analyst: JG   |
| Aluminum                    | 15000        | 22       | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony                    | ND           | 2.2      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic                     | 5.3          | 1.1      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Barium                      | 120          | 1.1      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium                   | 1.0          | 0.56     | ı         | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium                     | ND           | 0.56     |           | mg/Kg-dry | 10              | 1/28/2019     |
| Calcium                     | 68000        | 67       | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium                    | 30           | 1.1      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt                      | 14           | 1.1      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Copper                      | 31           | 2.8      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Iron                        | 30000        | 34       | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Lead                        | 15           | 0.56     | (         | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium                   | 35000        | 34       | (         | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese                   | 540          | 1.1      | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Nickel                      | 42           | 1.1      | (         | mg/Kg-dry | 10              | 1/28/2019     |

Qualifiers:

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

ANALYTICAL RESULTS

Environmental Group Services, Ltd. Client:

Work Order: 19010565 Revision 1

Project: Franklin-EB

Lab ID: 19010565-003

| A | INVE | IICAL | KES | UL. | LO |
|---|------|-------|-----|-----|----|
|   |      |       |     |     |    |

Client Sample ID: A-3

Collection Date: 1/22/2019 6:30:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier | Units     | DF              | Date Analyze |
|----------------------|--------|-----------|-----------|-----------|-----------------|--------------|
| Metals by ICP/MS     | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: JG  |
| Potassium            | 3600   | 34        | •         | mg/Kg-dry | 10              | 1/28/2019    |
| Selenium             | ND     | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019    |
| Silver               | ND     | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019    |
| Sodium               | 210    | 67        | 1         | mg/Kg-dry | 10              | 1/28/2019    |
| Thallium             | ND     | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019    |
| Vanadium             | · 30   | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019    |
| Zinc                 | 57     | 5.6       | I         | mg/Kg-dry | 10              | 1/28/2019    |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: JG  |
| Antimony             | ND     | 0.015     |           | mg/L      | 5               | 1/28/2019    |
| Arsenic              | ND     | 0.010     | •         | mg/L      | 5               | 1/28/2019    |
| Barium               | 0.63   | 0.050     |           | mg/L      | 5               | 1/28/2019    |
| Beryllium            | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019    |
| Cadmium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019    |
| Chromium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019    |
| Cobalt               | 0.061  | 0.010     |           | mg/L      | 5               | 1/28/2019    |
| Copper               | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019    |
| Iron                 | ND     | 0.25      |           | mg/L      | 5               | 1/28/2019    |
| Lead                 | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019    |
| Manganese            | 2.2    | 0.010     |           | mg/L      | 5               | 1/28/2019    |
| Nickel               | 0.15   | 0.020     |           | mg/L      | 5               | 1/28/2019    |
| Selenium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019    |
| Silver               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019    |
| Thallium             | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019    |
| Vanadium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019    |
| Zinc                 | ND     | 0.050     |           | mg/L      | 5               | 1/28/2019    |
| CLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB  |
| Mercury              | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019    |
| lercury              | SW7    | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB  |
| Mercury              | 0.022  | 0.019     | 1         | mg/Kg-dry | 1               | 1/27/2019    |
| yanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: CA  |
| Cyanide              | ND     | 0.31      | ı         | mg/Kg-dry | 1               | 1/25/2019    |
| H (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/24/2019 | Analyst: JT  |
| pH                   | 7.98   |           |           | pH Units  | 1               | 1/24/2019    |
| ercent Moisture      | D297   | <b>'4</b> |           | Prep      | Date: 1/23/2019 | Analyst: RW  |
| Percent Moisture     | 19.8   | 0.2       | . •       | wt%       | 1               | 1/24/2019    |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB

19010565-004

Client Sample ID: A-4

Collection Date: 1/22/2019 6:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units  | DF,                      | Date Analyzed |
|---|--------|------------|-----------------|--------------------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Pre             | p Date: <b>1/22/2019</b> | •             |
| Acetone                                 | ND     | 0.087      | mg/Kg-dry       | •                        | 1/23/2019     |
| Benzene                                 | ND     | 0.0058     | mg/Kg-dry       | 1                        | 1/23/2019     |
| Bromodichloromethane                    | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Bromoform                               | ND     | 0.0058     | mg/Kg-dry       | 1 1                      | 1/23/2019     |
| Bromomethane                            | ND     | 0.012      | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 2-Butanone                              | ND     | 0.087      | mg/Kg-dry       | 1                        | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.058      | mg/Kg-dry       |                          | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0058     | mg/Kg-dry       | 1                        | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Chloroethane                            | ND     | 0.012      | mg/Kg-dry       | 1                        | 1/23/2019     |
| Chloroform                              | ND     | 0.0058     | mg/Kg-dry       | <i>,</i> 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.012      | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0058     | mg/Kg-dry       | <i>t</i> 1 °             | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0058     | mg/Kg-dry       | <i>,</i> 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ' ND   | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| cis-1,3-Dichtoropropene                 | ND     | 0.0023     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0023     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.023      | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.023      | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Methylene chloride                      | ND     | 0.012      | mg/Kg-dry       | <i>r</i> 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Styrene                                 | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0058     | mg/Kg-dry       |                          | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Toluene ,                               | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0058     | mg/Kg-dry       | , 1                      | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0058     | mg/Kg-dry       |                          | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0058     | mg/Kg-dry       |                          | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.018      | mg/Kg-dry       |                          | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | <b>50B)</b> Pre | p Date: <b>1/25/2019</b> | •             |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-dry       | 1                        | 1/28/2019     |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-dry       | 1                        | 1/28/2019     |

ND - Not Detected at the Reporting Limit

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB

19010565-004

Client Sample ID: A-4

Collection Date: 1/22/2019 6:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units    | DF              | Date Analyzed |
|---|--------|----------|-----------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW |           | •        | Date: 1/25/2019 | •             |
| Aniline                                 | ND     | 0.41     | -         | g/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041    |           | g/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0      | mç        | g/Kg-dry | 1               | 1/28/2019     |
| Benzył alcohol                          | ND     | 0.21     | mç        | g/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21     | mç        | g/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     | mç        | g/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     | mç        | g/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND ,   | · 0.41   | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041    | mg        | g/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran ´                          | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     | mg        | g/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21     | mg        | /Kg-dry  | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21     | mg        | /Kg-dry  | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | mg        | /Kg-dry  | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21     | mg        | /Kg-dry  | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41     | mç        | /Kg-dry  | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      |           | g/Kg-dry | · <b>1</b>      | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041    | -         | /Kg-dry  | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041    | •         | /Kg-dry  | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     |           | /Kg-dry  | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     | •         | /Kg-dry  | 1               | 1/28/2019     |

Qualifiers:

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

Lab ID: 19010565-004 Client Sample ID: A-4

Collection Date: 1/22/2019 6:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qual       | ifier Units | DF              | Date Analyzed |
|---|--------|---------------|-------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW8: | 270C (SW3550E | B) Prep     | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Naphthalene ·                           | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41          | mg/Kg-dry   | 1               | 1/28/2019     |
| Nitrobenzene .                          | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.083         | mg/Kg-dry   | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.95          | mg/Kg-dry   | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| PCBs                                    | SW8    | 082A (SW3550E |             | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099         | mg/Kg-dry   | ុ1              | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.099         | · mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB 19010565-004

Client Sample ID: A-4

Collection Date: 1/22/2019 6:45:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane          | , ND   | 0.020          | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde ,  | · ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 13000  | 22             | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony           | ND     | 2.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic            | 4.9    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Barium ·           | 78     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium          | 0.84   | 0.55           | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium            | ND ·   | 0.55           | mg/Kg-dry | 10              | 1/28/2019     |
| Calcium            | 66000  | 66             | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium           | 26     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt             | 12     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Copper             | 23     | 2.8            | mg/Kg-dry | 10              | 1/28/2019     |
| Iron .             | 24000  | 33             | mg/Kg-dry | 10              | 1/28/2019     |
| Lead               | 12     | 0.55           | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 32000  | 33             | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese          | 480    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Nickel             | 36     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

**Project:** Franklin-EB

19010565-004 Lab ID:

Client Sample ID: A-4

Collection Date: 1/22/2019 6:45:00 AM

Matrix: Soil

| Analyses             | Result | RL           | Qualifier | Units    | DF              | Date Analyzed      |
|----------------------|--------|--------------|-----------|----------|-----------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW     | 3050B)    | Prep     | Date: 1/26/2019 | Analyst: JG        |
| Potassium            | 3400   | 33           | m         | g/Kg-dry | 10              | 1/28/2019          |
| Selenium             | 1.3    | 1.1          | m         | g/Kg-dry | 10              | 1/28/2019          |
| Silver               | ND     | 1.1          | m         | g/Kg-dry | 10              | 1/28/2019          |
| Sodium               | 190 `  | 66           | m         | g/Kg-dry | 10              | 1/28/2019          |
| Thallium             | ND     | 1.1          | m         | g/Kg-dry | 10              | 1/28/2019          |
| Vanadium             | 26     | 1.1          | m         | g/Kg-dry | 10              | 1/28/2019          |
| Zinc                 | 50     | 5.5          | m         | g/Kg-dry | 10              | 1/28/2019          |
| CLP Metals by ICP/MS | SW1    | 311/6020A    | (SW3005A  | ) Prep   | Date: 1/28/2019 | Analyst: JG        |
| Antimony             | ND     | 0.015        | •         | mg/L     | 5               | 1/28/2019          |
| Arsenic              | ND     | 0.010        |           | mg/L     | 5               | 1/28/2019          |
| Barium               | 0.82   | 0.050        |           | mg/L     | 5               | 1/28/2019          |
| Beryllium            | . ND   | 0.0050       |           | mg/L     | 5               | 1/28/2019          |
| Cadmium              | ND     | 0.0050       |           | mg/L     | · 5             | 1/28/2019          |
| Chromium             | ND     | 0.010        |           | mg/L     | 5               | 1/28/2019          |
| Cobalt               | 0.027  | 0.010        |           | mg/L     | 5               | 1/28/2019          |
| Copper               | ND     | 0.10         |           | mg/L     | 5               | 1/28/2019          |
| Iron                 | ND     | 0.25         |           | mg/L     | 5               | 1/28/2019          |
| Lead                 | ND     | 0.0050       |           | mg/L     | 5               | 1/28/2019          |
| Manganese            | 3.7    | 0.010        |           | mg/L     | 5               | 1/28/2019          |
| Nickel               | 0.059  | 0.020        |           | mg/L     | 5               | 1/28/2019          |
| Selenium             | ND     | 0.010        |           | mg/L     | 5               | 1/28/2019          |
| Silver               | ND     | 0.010        |           | mg/L     | 5               | 1/28/2019          |
| Thallium             | ND     | 0.0050       |           | mg/L     | 5               | 1/28/2019          |
| Vanadium             | ND     | 0.010        |           | mg/L     | 5 .             | 1/28/2019          |
| Zinc                 | ND     | 0.050        | į         | mg/L     | 5               | 1/28/2019          |
| CLP Mercury          | SW1    | 311/7470A    |           | Prep     | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | ND     | 0.00020      |           | mg/L     | 1               | 1/27/2019          |
| flercury             | SW7    | 471B         |           | Prep     | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | 0.026  | 0.019        | m         | g/Kg-dry | 1               | 1/27/2019          |
| Cyanide, Total       | SW9    | 012 <b>A</b> |           | Prep     | Date: 1/25/2019 | Analyst: CAB       |
| Cyanide              | ND     | 0.31         | , m       | g/Kg-dry | 1               | 1/25/2019          |
| oH (25 °C)           | SW9    | 045C         |           | Prep     | Date: 1/24/2019 | Analyst: JT        |
| pH .                 | 8.03   |              | · p       | H Units  | 1               | 1/24/2019          |
| Percent Moisture     | D297   | 74           |           | Prep     | Date: 1/23/2019 | Analyst: <b>RW</b> |
| Percent Moisture     | 20.5   | 0.2          | •         | wt%      | 1               | 1/24/2019          |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-005

Client Sample ID: A-5

Collection Date: 1/22/2019 7:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier L | Jnits  | DF              | Date Analyze |
|---|--------|------------|------------|--------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |            | Prep   | Date: 1/22/2019 | Analyst: ERI |
| Acetone                                 | ND     | 0.071      | · mg/      | Kg-dry | 1               | 1/23/2019    |
| Benzene                                 | ND     | 0.0047     | , mg/      | Kg-dry | 1               | 1/23/2019    |
| Bromodichloromethane                    | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Bromoform                               | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Bromomethane                            | ND     | 0.0095     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 2-Butanone                              | ND     | 0.071      | mg/        | Kg-dry | 1               | 1/23/2019    |
| Carbon disulfide                        | ND     | 0.047      | mg/        | Kg-dry | 1 .             | 1/23/2019    |
| Carbon tetrachloride                    | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Chlorobenzene                           | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Chloroethane                            | ND     | 0.0095     | _ mg/      | Kg-dry | 1               | 1/23/2019    |
| Chloroform                              | ND     | 0.0047     | mg/        | Kg-dry | 1 ,             | 1/23/2019    |
| Chloromethane                           | ND     | 0.0095     |            | Kg-dry | 1               | 1/23/2019    |
| Dibromochloromethane                    | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0019     | mg/        | Kg-dry | 1               | 1/23/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0019     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Ethylbenzene                            | · ND · | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 2-Hexanone                              | ND     | 0.019      | mg/        | Kg-dry | 1               | 1/23/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.019      | mg/        | Kg-dry | 1               | 1/23/2019    |
| Methylene chloride                      | ND     | 0.0095     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Styrene                                 | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane               | ND '   | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Tetrachloroethene                       | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Toluene                                 | ND     | 0.0047     | . mg/      | Kg-dry | 1               | 1/23/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Trichloroethene                         | ND     | 0.0047     |            | Kg-dry | 1               | 1/23/2019    |
| Vinyl chloride                          | ND     | 0.0047     | mg/        | Kg-dry | 1               | 1/23/2019    |
| Xylenes, Total                          | ND     | 0.014      | mg/        | Kg-dry | 1               | 1/23/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8:   | 270C (SW35 | 50B)       | Prep   | Date: 1/25/2019 | Analyst: FP  |
| Acenaphthene                            | · ND   | 0.041      | mg/        | Kg-dry | 1               | 1/28/2019    |
| Acenaphthylene                          | ND     | 0.041      | mg/        | Kg-dry | 1               | 1/28/2019    |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

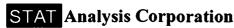
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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-005

Client Sample ID: A-5

Collection Date: 1/22/2019 7:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi    | ier Units | DF              | Date Analyzed |
|---|--------|---------------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 70C (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.41          | mg/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND .   | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041         | mg/Kg-dry | · 1             | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21          | mg/Kg-dry | .1              | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21          | mg/Kg-dry | 1 .             | 1/28/2019     |
| 2-Chlorophenol                          | ` ND   | 0.21          | mg/Kg-dry | 1 .             | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21          | mg/Kg-dry | .1              | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041         | mg/Kg-dry | i               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041         | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21          | mg/Kg-dry | 1               | 1/28/2019     |

Qualifiers:

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Date Reported: February 01, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** Lab ID:

Franklin-EB 19010565-005

Client Sample ID: A-5

Collection Date: 1/22/2019 7:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qual       | ifier Units | DF              | Date Analyzed |
|---|--------|---------------|-------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3550E | B) Prep     | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41          | mg/Kg-dry   | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.083         | mg/Kg-dry   | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Phenol                                  | ND     | · 0.21        | mg/Kg-dry   | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.041         | mg/Kg-dry   | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.95          | mg/Kg-dry   | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry   | 1 •             | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry   | 1               | 1/28/2019     |
| PCBs                                    | SW8    | 082A (SW3550E | B) Prep     | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.099 ′       | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.099         | mg/Kg-dry   | 1               | 1/25/2019     |

Qualifiers:

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Client Sample ID: A-5

**ANALYTICAL RESULTS** 

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1 Collection Date: 1/22/2019 7:00:00 AM

Project: Franklin-EB Matrix: Soil
Lab ID: 19010565-005

| Analyses           | Result | RL Qualifi     | er Units  | DF              | Date Analyzed      |
|--------------------|--------|----------------|-----------|-----------------|--------------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC       |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019          |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Dieldrin           | . ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Heptachlor epoxide | . ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1               | 1/25/2019          |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Aluminum           | 15000  | 21             | mg/Kg-dry | 10              | 1/28/2019          |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Arsenic            | 6.4    | 1.0            | mg/Kg-dry | 10              | 1/28/2019 .        |
| Barium             | 91     | 1.0            | mg/Kg-dry | 10              | 1/28/2019          |
| Beryllium ·        | 1.0    | 0.52           | mg/Kg-dry | 10              | 1/28/2019          |
| Cadmium            | ND     | 0.52           | mg/Kg-dry | 10              | 1/28/2019          |
| Calcium            | 63000  | 62             | mg/Kg-dry | 10              | 1/28/2019          |
| Chromium           | . 30   | 1.0            | mg/Kg-dry | 10              | 1/28/2019          |
| Cobalt             | 12     | 1.0            | mg/Kg-dry | 10              | 1/28/2019          |
| Copper             | 29     | 2.6            | mg/Kg-dry | 10              | 1/28/2019          |
| Iron               | 33000  | 31             | mg/Kg-dry | 10              | 1/28/2019          |
| Lead               | 14     | 0.52           | mg/Kg-dry | 10              | 1/28/2019          |
| Magnesium          | 31000  | 31             | mg/Kg-dry | 10              | 1/28/2019          |
| Manganese          | 500    | 1.0            | mg/Kg-dry | 10              | 1/28/2019          |
| Nickel             | 38     | 1.0            | mg/Kg-dry | 10              | 1/28/2019          |

Qualifiers: J - Analyte det

ND - Not Detected at the Reporting Limit

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Environmental Group Services, Ltd.

Lab ID:

Client Sample ID: A-5 19010565 Revision 1

Work Order: Collection Date: 1/22/2019 7:00:00 AM Franklin-EB **Project:** 

Matrix: Soil 19010565-005

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyzed      |
|-----------------------|--------|-----------|-----------|-----------|-----------------|--------------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Potassium             | 4000   | 31        |           | mg/Kg-dry | 10              | 1/28/2019          |
| Selenium              | 1.1    | 1.0       | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| Silver                | ND     | 1.0       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Sodium                | 210    | 62        | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| Thallium              | ND     | 1.0       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Vanadium              | 31     | 1.0       | , .       | mg/Kg-dry | 10              | 1/28/2019          |
| Zinc                  | 55     | 5.2       | •         | mg/Kg-dry | 10              | 1/28/2019          |
| TCLP Metals by ICP/MS | SW1:   | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: JG        |
| Antimony              | ND     | 0.015     | • •       | mg/L      | 5               | 1/28/2019          |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Barium                | 0.62   | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| Beryllium             | . ND   | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Cadmium               | · ND   | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Cobalt                | 0.033  | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Copper                | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019          |
| Iron                  | · ND   | 0.25      |           | mg/L      | 5               | 1/28/2019          |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Manganese             | 3.5    | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Nickel                | 0.071  | 0.020     |           | mg/L      | 5               | 1/28/2019          |
| Selenium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Silver                | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Vanadium ·            | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5 .             | 1/28/2019          |
| TCLP Mercury          | SW1:   | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019          |
| Mercury               | SW74   | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury               | 0.026  | 0.021     |           | mg/Kg-dry | 1 .             | 1/27/2019          |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: MD        |
| Cyanide               | ND     | 0.31      |           | mg/Kg-dry | 1               | 1/25/2019          |
| pH (25 °C)            | SW9    | 045C      | •         | Prep      | Date: 1/24/2019 | Analyst: JT        |
| рН                    | 8.03   |           | •         | pH Units  | 1               | 1/24/2019          |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 1/23/2019 | Analyst: RW        |
| Percent Moisture      | 19.6   | 0.2       | *         | wt%       | 1               | 1/24/2019          |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19010

Project:

19010565 Revision 1

Lab ID:

Franklin-EB 19010565-006 Client Sample ID: A-6

Collection Date: 1/22/2019 7:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units    | DF              | Date Analyze |
|---|--------|------------|----------|----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW50   | 035/8260B  |          | Prep     | Date: 1/22/2019 | Analyst: ERI |
| Acetone                                 | ND     | 0.079      | mę       | g/Kg-dry | 1               | 1/23/2019    |
| Benzene                                 | ND     | 0.0052     | m        | g/Kg-dry | 1               | 1/23/2019    |
| Bromodichloromethane                    | ND     | 0.0052     | mę       | g/Kg-dry | 1               | 1/23/2019    |
| Bromoform                               | ND     | 0.0052     | mo       | g/Kg-dry | 1               | 1/23/2019    |
| Bromomethane                            | ND     | 0.011      | m        | g/Kg-dry | 1               | 1/23/2019    |
| 2-Butanone                              | ND     | 0.079      | mç       | g/Kg-dry | 1               | 1/23/2019    |
| Carbon disulfide                        | ND     | 0.052      | m        | g/Kg-dry | 1               | 1/23/2019    |
| Carbon tetrachloride                    | ND     | 0.0052     | m        | g/Kg-dry | 1               | 1/23/2019    |
| Chlorobenzene                           | ND     | 0.0052     | , wé     | g/Kg-dry | 1               | 1/23/2019    |
| Chloroethane                            | ND     | 0.011      | mę       | g/Kg-dry | 1               | 1/23/2019    |
| Chloroform .                            | ND     | 0.0052     | m        | g/Kg-dry | <sup>1</sup> 1  | 1/23/2019    |
| Chloromethane                           | ND     | 0.011      | mç       | g/Kg-dry | 1               | 1/23/2019    |
| Dibromochloromethane                    | ND     | 0.0052     | mç       | g/Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0052     | mç       | g/Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0052     | mę       | g/Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| cis-1,3-Dichloropropene                 | ND .   | 0.0022     | mę       | g/Kg-dry | 1               | 1/23/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0022     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Ethylbenzene                            | ND     | 0.0052     | mę       | g/Kg-dry | 1               | 1/23/2019    |
| 2-Hexanone                              | ND     | 0.022      | mg       | g/Kg-dry | 1               | 1/23/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.022      | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Methylene chloride                      | ND     | 0.011      | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Styrene                                 | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0052     | mg       | g/Kg-dry | 1 .             | 1/23/2019    |
| Tetrachloroethene                       | ND     | 0.0052     | mg       | g/Kg-dry | 1,              | 1/23/2019    |
| Toluene                                 | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Trichloroethene                         | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Vinyl chloride                          | ND     | 0.0052     | mg       | g/Kg-dry | 1               | 1/23/2019    |
| Xylenes, Total                          | ND     | 0.015      | mç       | g/Kg-dry | 1               | 1/23/2019    |
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW35 | 50B)     | Prep     | Date: 1/25/2019 | Analyst: FP  |
| Acenaphthene                            | ND     | 0.042      | mç       | g/Kg-dry | 1               | 1/28/2019    |
| Acenaphthylene                          | ND     | 0.042      | mç       | g/Kg-dry | 1               | 1/28/2019    |

ND - Not Detec

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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Date Reported: February 01, 2019 **Date Printed:** 

ANALYTICAL RESULTS

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-006

Client Sample ID: A-6

Collection Date: 1/22/2019 7:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifie | r Units   | DF              | Date Analyzed |
|---|--------|----------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW | 3550B)   | •         | Date: 1/25/2019 | •             |
| Aniline                                 | ND     | 0.42     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.42     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.042    |          | mg/Kg-dry | 1.              | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane .            | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.42     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.042    |          | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichtorophenol                      | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | :        | mg/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.42     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.042    | ,        | mg/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.042    | •        | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     |          | mg/Kg-dry | 1               | 1/28/2019     |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB 19010565-006

Client Sample ID: A-6

Collection Date: 1/22/2019 7:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Quali     | fier Units  | DF              | Date Analyzed |
|---|--------|--------------|-------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW3550B | ) Prep      | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | . 0.21       | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.42         | mg/Kg-dry   | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21         | ✓ mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.084        | mg/Kg-dry   | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.042        | mg/Kg-dry   | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.97         | mg/Kg-dry   | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21         | mg/Kg-dry   | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21         | mg/Kg-dry   | · 1             | 1/28/2019     |
| PCBs                                    | SW80   | 82A (SW3550B | ) Prep      | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.10         | mg/Kg-dry   | 1               | 1/25/2019     |

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Date Reported: February 01, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-006

Client Sample ID: A-6

Collection Date: 1/22/2019 7:15:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifi     | ier Units | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4′-DDÈ           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin             | . ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-Chlordane    | · ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan II      | ·ND    | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.042          | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 16000  | 21 .           | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic            | 5.5    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Barium             | 100    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium          | 0.97   | 0.53           | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.53           | mg/Kg-dry | 10              | 1/28/2019     |
| Calcium            | 74000  | 64             | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium           | 32     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt             | 15     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| · Copper           | 29     | 2.7            | mg/Kg-dry | 10              | 1/28/2019     |
| Iron               | 27000  | 32             | mg/Kg-dry | 10              | 1/28/2019     |
| Lead               | 15     | 0.53           | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 37000  | 32             | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese          | · 540  | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Ńickel             | 41     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

ANALYTICAL RESULTS

Client: Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

**Project:** Lab ID:

19010565-006

Franklin-EB

Client Sample ID: A-6

Collection Date: 1/22/2019 7:15:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF                     | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|------------------------|---------------|
| Metals by ICP/MS      | SW66   | )20A (SW  | 3050B)    | Prep      | Date: 1/26/2019        | Analyst: JG   |
| Potassium             | 4100   | 32        |           | mg/Kg-dry | 10                     | 1/28/2019     |
| Selenium              | 1.4    | 1.1       |           | mg/Kg-dry | 10                     | 1/28/2019     |
| Silver                | ND     | 1.1       |           | mg/Kg-dry | 10                     | 1/28/2019     |
| Sodium                | 220    | 64        |           | mg/Kg-dry | 10                     | 1/28/2019     |
| Thallium              | ND     | 1.1       |           | mg/Kg-dry | 10 <sup>°</sup>        | 1/28/2019     |
| Vanadium              | 33     | 1.1       |           | mg/Kg-dry | 10                     | 1/28/2019     |
| Zinc                  | 59     | 5.3       |           | mg/Kg-dry | 10                     | 1/28/2019     |
| TCLP Metals by ICP/MS | SW1:   | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019        | Analyst: JG   |
| Antimony              | ND     | 0.015     | ·         | mg/L      | 5 ,                    | 1/28/2019     |
| Arsenic               | ND     | 0.010     | •         | mg/L      | 5                      | 1/28/2019     |
| Barium                | 0.82   | 0.050     |           | mg/L      | 5                      | 1/28/2019     |
| Beryllium             | ND     | 0.0050    | •         | mg/L      | 5                      | 1/28/2019     |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5                      | 1/28/2019     |
| Chromium              | ND     | 0.010     | •         | mg/L      | 5                      | 1/28/2019     |
| Cobalt                | 0.014  | 0.010     |           | mg/L      | 5                      | 1/28/2019     |
| Copper                | ND     | 0.10      |           | mg/L      | 5                      | 1/28/2019     |
| Iron                  | ND     | 0.25      |           | mg/L      | 5                      | 1/28/2019     |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5                      | 1/28/2019     |
| Manganese             | 3.0    | 0.010     |           | mg/L      | · 5                    | 1/28/2019     |
| Nickel                | 0.032  | 0.020     |           | mg/L      | 5                      | 1/28/2019     |
| Selenium              | ND     | 0.010     |           | mg/L      | 5                      | 1/28/2019     |
| Silver                | ND     | 0.010     |           | mg/L      | 5                      | 1/28/2019     |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5                      | 1/28/2019     |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5                      | 1/28/2019     |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5                      | 1/28/2019     |
| CLP Mercury           | SW1:   | 311/7470A |           | Prep      | Date: 1/27/2019        | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1                      | 1/27/2019     |
| flercury              | SW74   | 171B      |           | Prep      | Date: 1/27/2019        | Analyst: LB   |
| Mercury               | 0.028  | 0.021     |           | mg/Kg-dry | 1                      | 1/27/2019     |
| Cyanide, Total        | SW90   | )12A      |           | Prep      | Date: <b>1/25/2019</b> | Analyst: MD   |
| Cyanide               | ND     | 0.32      |           | mg/Kg-dry | 1                      | 1/25/2019     |
| oH (25 °C)            | SW90   | )45C      |           | Prep      | Date: 1/24/2019        | Analyst: JT   |
| pH                    | 7.85   |           |           | pH Units  | 1                      | 1/24/2019     |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 1/23/2019        | Analyst: RW   |
| Percent Moisture      | 21.6   | 0.2       | * •       | wt%       | 1                      | 1/24/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Environmental Group Services, Ltd. Client:

19010565 Revision 1 Work Order:

Project: Franklin-EB

19010565-007 Lab ID:

Client Sample ID: A-7

Collection Date: 1/22/2019 7:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier U | Jnits  | DF              | Date Analyzed |
|---|--------|------------|------------|--------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |            | Prep   | Date: 1/22/2019 | Analyst: ERP  |
| Acetone                                 | ND     | 0.093      | mg/        | Kg-dry | 1               | 1/23/2019     |
| Benzene                                 | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Bromodichloromethane                    | ND     | 0.0062     | · mg/      | Kg-dry | 1               | 1/23/2019     |
| Bromoform                               | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Bromomethane                            | ND     | 0.012      | mg/        | Kg-dry | 1               | 1/23/2019     |
| 2-Butanone                              | ND     | 0.093      | mg/        | Kg-dry | 1               | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.062      | mg/        | Kg-dry | 1 '             | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Chloroethane                            | ND     | 0.012      | mg/        | Kg-dry | 1               | 1/23/2019     |
| Chloroform                              | ND .   | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.012      | mg/        | Kg-dry | 1               | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0062     | mg/        | Kg-dry | 11              | · 1/23/2019   |
| 1,1-Dichloroethene                      | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0062     | _ mg/      | Kg-dry | 1               | 1/23/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0025     | mg/        | Kg-dry | 1               | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0025     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.025      | mg/        | Kg-dry | 1               | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.025      | mg/        | Kg-dry | 1               | 1/23/2019     |
| Methylene chloride                      | ND     | 0.012      | mg/        | Kg-dry | 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0062     | mg/        | Kg-dry | 1 .             | 1/23/2019     |
| Styrene                                 | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Toluene                                 | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0062     | -          | Kg-dry | 1               | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0062     | . mg/      | Kg-dry | 1               | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0062     | mg/        | Kg-dry | 1               | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.018      |            | Kg-dry | 1               | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | 50B)       | Prep   | Date: 1/25/2019 | •             |
| Acenaphthene                            | ND     | 0.042      | mg/        | Kg-dry | 1               | 1/28/2019     |
| Acenaphthylene                          | ND     | 0.042      | mg/        | Kg-dry | 1               | 1/28/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-007

\_\_\_\_\_\_

Client Sample ID: A-7
Collection Date: 1/22/2019 7:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyze |
|---|--------|----------|-----------|-----------|-----------------|--------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: FP  |
| Aniline                                 | ND     | 0.43     | · n       | ng/Kg-dry | 1               | 1/28/2019    |
| Anthracene                              | ND     | 0.042    | · n       | ng/Kg-dry | 1               | 1/28/2019    |
| Benz(a)anthracene                       | ND     | 0.042    | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzidine                               | ND     | 0.42     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzo(a)pyrene                          | ND     | 0.042    | п         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzo(b)fluoranthene                    | ND     | 0.042    | п         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzo(g,h,i)perylene                    | ND     | 0.042    | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzo(k)fluoranthene                    | ND     | 0.042    | п         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzoic acid                            | ND     | 1.1      | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Benzyl alcohol                          | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Bis(2-chloroethoxy)methane              | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Bis(2-chloroethyl)ether                 | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1      | n         | ng/Kg-dry | 1               | 1/28/2019    |
| 4-Bromophenyl phenyl ether              | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019    |
| Butyl benzyl phthalate                  | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| Carbazole                               | ND     | 0.22     | . u       | ng/Kg-dry | 1               | 1/28/2019    |
| 4-Chloroaniline                         | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| 4-Chloro-3-methylphenol                 | ND     | 0.42     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 2-Chloronaphthalene                     | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 2-Chlorophenol                          | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Chrysene                                | ND     | 0.042    | 'n        | ng/Kg-dry | 1               | 1/28/2019    |
| Dibenz(a,h)anthracene                   | ND     | 0.042    | n         | ng/Kg-dry | 1               | 1/28/2019    |
| Dibenzofuran                            | ND     | 0.22     | ır        | ng/Kg-dry | 1               | 1/28/2019    |
| 1,2-Dichlorobenzene                     | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 1,3-Dichlorobenzene                     | ND     | 0.22     | rr        | ng/Kg-dry | 1               | 1/28/2019    |
| 1,4-Dichlorobenzene                     | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 3,3'-Dichlorobenzidine                  | ND     | 0.22     | m         | ng/Kg-dry | 1 .             | 1/28/2019    |
| 2,4-Dichlorophenol                      | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| Diethyl phthalate                       | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 2,4-Dimethylphenol                      | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| Dimethyl phthalate                      | ND     | 0.22     | · m       | ng/Kg-dry | 1 .             | 1/28/2019    |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.42     | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 2,4-Dinitrophenol                       | ND     | 1.1      | m         | ng/Kg-dry | 1               | 1/28/2019    |
| 2,4-Dinitrotoluene                      | ND     | 0.042    |           | ng/Kg-dry | 1               | 1/28/2019    |
| 2,6-Dinitrotoluene                      | ND     | 0.042    | m         | ng/Kg-dry | 1               | 1/28/2019    |
| Di-n-butyl phthalate                    | ND     | 0.22     |           | ig/Kg-dry | 1               | 1/28/2019    |
| Di-n-octyl phthalate                    | ND     | 0.22     |           | ig/Kg-dry | 1               | 1/28/2019    |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

Lab ID:

19010565 Revision 1

Project:

19010565-007

Franklin-EB

Client Sample ID: A-7

Collection Date: 1/22/2019 7:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifie | r Units   | DF              | Date Analyzed |
|---|--------|-----------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3 | 3550B)   | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.042     | ·        | mg/Kg-dry | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.042     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.042     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.042     |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.42      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.042     |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.042     |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.086     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.042     |          | mg/Kg-dry | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.042     |          | mg/Kg-dry | 1 .             | 1/28/2019     |
| Pyridine                                | ND     | 0.99      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.22      |          | mg/Kg-dry | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 082A (SW3 | 550B)    | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10      | -        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.10      |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.10      |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.10      |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.10      |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.10      |          | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.10      |          | mg/Kg-dry | 1               | 1/25/2019     |

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** Lab ID:

Franklin-EB

19010565-007

Client Sample ID: A-7

Collection Date: 1/22/2019 7:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units    | DF              | Date Analyzed |
|--------------------|--------|----------------|-------------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep        | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | \ ND   | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| 4,4'-DDE           | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| 4,4´-DDT           | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.021          | mg/Kg-dry   | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Endosulfan I       | , ND   | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0021         | mg/Kg-dry   | 1 .             | 1/25/2019     |
| Endrin             | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Endrin ketone      | · ND   | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0021         | mg/Kg-dry   | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.043          | mg/Kg-dry   | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep        | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 17000  | 22             | mg/Kg-dry   | 10              | 1/28/2019     |
| Antimony           | ND     | 2.2            | mg/Kg-dry   | 10              | 1/28/2019     |
| Arsenic            | 5.1    | 1.1            | mg/Kg-dry   | 10              | 1/28/2019     |
| Barium             | 110    | 1.1            | mg/Kg-dry   | 10              | 1/28/2019     |
| Beryllium          | 1.1    | 0.55           | mg/Kg-dry   | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.55           | mg/Kg-dry   | 10              | 1/28/2019     |
| Calcium            | 67000  | 66             | mg/Kg-dry   | 10              | 1/28/2019     |
| Chromium           | 35     | 1.1            | mg/Kg-dry   | 10              | 1/28/2019     |
| Cobalt             | 16     | 1.1            | mg/Kg-dry   | 10              | 1/28/2019     |
| Copper             | 32     | 2.7            | mg/Kg-dry   | 10              | 1/28/2019     |
| Iron               | 34000  | 33             | mg/Kg-dry   | 10              | 1/28/2019     |
| Lead               | 15 ,   | 0.55           | , mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 33000  | 33             | mg/Kg-dry   | 10              | 1/28/2019     |
| Manganese          | 540    | 1.1            | mg/Kg-dry   | 10              | 1/28/2019     |
| Nickel             | 47     | 1.1            | mg/Kg-dry   | 10              | 1/28/2019     |

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**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** Lab ID:

Franklin-EB 19010565-007

Client Sample ID: A-7

Collection Date: 1/22/2019 7:30:00 AM

Matrix: Soil

| Analyses             | Result | RL Q        | ualifier Units     | DF                       | Date Analyzed      |
|----------------------|--------|-------------|--------------------|--------------------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW30  | 9 <b>50B</b> ) Pre | p Date: 1/26/2019        | Analyst: JG        |
| Potassium            | 4100   | `33         | mg/Kg-dr           | y 10                     | 1/28/2019          |
| Selenium             | 1.3    | 1.1         | mg/Kg-dr           | y 10                     | 1/28/2019          |
| Silver               | ND     | 1.1         | mg/Kg-dr           | y 10                     | 1/28/2019          |
| Sodium               | 230    | 66          | mg/Kg-dr           | y 10                     | 1/28/2019          |
| Thallium             | ND     | 1.1         | mg/Kg-dr           | y 10                     | 1/28/2019          |
| Vanadium             | 34     | 1.1         | mg/Kg-dr           | y 10                     | 1/28/2019          |
| Zinc                 | 62     | 5.5         | mg/Kg-dr           | y 10                     | 1/28/2019          |
| CLP Metals by ICP/MS | SW1:   | 311/6020A ( | SW3005A) Pre       | p Date: <b>1/28/2019</b> | Analyst: <b>JG</b> |
| Antimony             | ND     | 0.015       | mg/L               | 5                        | 1/28/2019          |
| Arsenic              | ND     | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Barium               | 1.0    | 0.050       | mg/L               | 5                        | 1/28/2019          |
| Beryllium            | ND     | 0.0050      | mg/L               | 5                        | 1/28/2019          |
| Cadmium              | ND     | 0.0050      | mg/L               | 5                        | 1/28/2019          |
| Chromium             | ND     | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Cobalt               | 0.029  | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Copper               | . · ND | 0.10        | mg/L               | 5                        | 1/28/2019          |
| Iron                 | ND     | 0.25        | mg/L               | 5                        | 1/28/2019          |
| Lead                 | ND     | 0.0050      | mg/L               | 5                        | 1/28/2019          |
| Manganese            | 4.0    | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Nickel               | 0.066  | 0.020       | mg/L               | 5                        | 1/28/2019          |
| Selenium             | ND     | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Silver               | ND     | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Thallium             | ND     | 0.0050      | mg/L               | 5                        | 1/28/2019          |
| Vanadium             | ND     | 0.010       | mg/L               | 5                        | 1/28/2019          |
| Zinc                 | ND     | 0.050       | mg/L               | 5                        | 1/28/2019          |
| CLP Mercury          | SW1:   | 311/7470A   | Pre                | p Date: 1/27/2019        |                    |
| Mercury .            | ND     | 0.00020     | mg/L               | 1                        | 1/27/2019          |
| lercury              | SW7    |             |                    | p Date: 1/27/2019        | •                  |
| Mercury              | ND     | 0.024       | mg/Kg-dr           | y 1                      | 1/27/2019          |
| Syanide, Total       | SW9    |             |                    | p Date: 1/25/2019        | •                  |
| Cyanide              | ND     | 0.32        | mg/Kg-dr           | y 1                      | 1/25/2019          |
| oH (25 °C)           | SW9    | 045C        | Pre                | p Date: 1/24/2019        | Analyst: JT        |
| рН                   | 7.84   |             | pH Units           | 1                        | 1/24/2019          |
| Percent Moisture     | D297   | 4           | Pre                | p Date: 1/23/2019        | Analyst: RW        |
| Percent Moisture     | 22.6   | 0.2         | * wt%              | 1                        | 1/24/2019          |

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Qualifiers: J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations: IEPA ELAP 100445; ORELAP 1L300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Project:

Lab ID:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Franklin-EB 19010565-008 Client Sample ID: A-8

Collection Date: 1/22/2019 7:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units  | DF                       | Date Analyze |
|---|--------|------------|-----------------|--------------------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Pre             | p Date: 1/22/2019        | Analyst: ERI |
| Acetone                                 | ND     | 0.10       | mg/Kg-dry       | 1                        | 1/23/2019    |
| Benzene                                 | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Bromodichloromethane                    | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Bromoform                               | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Bromomethane                            | ND     | 0.014      | mg/Kg-dry       | 1                        | 1/23/2019    |
| 2-Butanone                              | ND     | 0.10       | mg/Kg-dry       | 1                        | 1/23/2019    |
| Carbon disulfide                        | ND     | 0.068      | mg/Kg-dry       | 1                        | 1/23/2019    |
| Carbon tetrachloride                    | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Chlorobenzene                           | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Chloroethane                            | ND     | 0.014      | mg/Kg-dry       | 1                        | 1/23/2019    |
| Chloroform                              | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Chloromethane                           | ND     | 0.014      | mg/Kg-dry       | 1                        | 1/23/2019    |
| Dibromochloromethane                    | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0028     | mg/Kg-dry       | 1                        | 1/23/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0028     | mg/Kg-dry       | · , 1                    | 1/23/2019    |
| Ethylbenzene                            | ND     | 0.0068     | mg/Kg-dry       | <sup>,</sup> 1           | 1/23/2019    |
| 2-Hexanone                              | ND     | 0.028      | mg/Kg-dry       | 1                        | 1/23/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.028      | mg/Kg-dry       | 1                        | 1/23/2019    |
| Methylene chloride                      | ND     | 0.014      | mg/Kg-dry       | 1                        | 1/23/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Styrene                                 | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Tetrachloroethene                       | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| Toluene                                 | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0068     | mg/Kg-dry       | 1                        | 1/23/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0068     | mg/Kg-dry       |                          | 1/23/2019    |
| Trichloroethene                         | ND     | 0.0068     | mg/Kg-dry       |                          | 1/23/2019    |
| Vinyl chloride                          | ND     | 0.0068     | mg/Kg-dry       |                          | 1/23/2019    |
| Xylenes, Total                          | ND     | 0.020      | mg/Kg-dry       | 1                        | 1/23/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | <b>50B)</b> Pre | p Date: <b>1/25/2019</b> | Analyst: FP  |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-dry       | 1                        | 1/28/2019    |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-dry       | 1                        | 1/28/2019    |

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019 ANALYTICAL RESULTS

**Client:** 

Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

**Project:** Lab ID:

Franklin-EB

19010565-008

Client Sample ID: A-8

Collection Date: 1/22/2019 7:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL      | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|---------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 70C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.42    | •         | mg/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene .                  | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21    |           | mg/Kg-dry | <b>. 1</b>      | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41    |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | · ND   | 1.0     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21    |           | mg/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** 

**Project:** 

Lab ID:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Franklin-EB

19010565-008

Client Sample ID: A-8

Collection Date: 1/22/2019 7:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 | 50B)     | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041      | - 1      | mg/Kg-dry | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.041      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21       | I        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | Į        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21       | ĺ        | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.041      | I        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | I        | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41       | I        | mg/Kg-dry | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.041      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041      |          | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.084      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041      | Į        | mg/Kg-dry | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21       | ĺ        | mg/Kg-dry | 1               | 1/28/2019     |
| Pyrene ·                                | ND     | 0.041      | I        | mg/Kg-dry | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.96       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | ĺ        | mg/Kg-dry | 1               | 1/28/2019     |
| PCBs                                    | SW8    | 082A (SW35 |          |           | Date: 1/25/2019 | •             |
| Aroclor 1016                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.099      | 1        | mg/Kg-dry | 1               | 1/25/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

19010565-008 Lab ID:

Client Sample ID: A-8

Collection Date: 1/22/2019 7:45:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualit      | fier Units | DF              | Date Analyzed |
|--------------------|--------|----------------|------------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep       | Date: 1/25/2019 | Analyst: GVC  |
| 4,4´-DDD           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry  | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry  | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep       | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 14000  | 22             | mg/Kg-dry  | 10              | 1/28/2019     |
| Antimony           | ND     | 2.2            | mg/Kg-dry  | 10              | 1/28/2019     |
| Arsenic            | 8.1    | 1.1            | mg/Kg-dry  | 10              | 1/28/2019     |
| Barium             | 59     | 1.1            | mg/Kg-dry  | 10              | 1/28/2019     |
| Beryllium          | 0.83   | 0.56           | mg/Kg-dry  | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.56           | mg/Kg-dry  | 10              | 1/28/2019     |
| Calcium            | 60000  | 67             | mg/Kg-dry  | 10              | 1/28/2019     |
| Chromium           | 28     | 1.1            | mg/Kg-dry  | 10              | 1/28/2019     |
| Cobalt             | 18     | 1.1            | mg/Kg-dry  | 10 ·            | 1/28/2019     |
| Copper             | 29     | 2.8            | mg/Kg-dry  | 10              | 1/28/2019     |
| Iron               | 24000  | 34             | mg/Kg-dry  | 10              | 1/28/2019     |
| Lead               | 16     | 0.56           | mg/Kg-dry  | 10              | 1/28/2019     |
| Magnesium          | 31000  | 34             | mg/Kg-dry  | 10              | 1/28/2019     |
| Manganese          | 470    | 1.1            | mg/Kg-dry  | 10              | 1/28/2019     |
| Nickel             | 46     | 1.1            | mg/Kg-dry  | 10              | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: Febr

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-008

Client Sample ID: A-8

Collection Date: 1/22/2019 7:45:00 AM

Matrix: Soil

| Analyses             | Result | RL                                   | Qualifier | Units           | DF              | Date Analyzed |
|----------------------|--------|--------------------------------------|-----------|-----------------|-----------------|---------------|
| Metals by ICP/MS     | SW6    | SW6020A (SW3050B) Prep Date: 1/26/20 |           | Date: 1/26/2019 | Analyst: JG     |               |
| Potassium            | 3700   | 34                                   | · n       | ng/Kg-dry       | 10              | 1/28/2019     |
| Selenium :           | 1.4    | 1.1                                  | n         | ng/Kg-dry       | 10              | 1/28/2019     |
| Silver               | ND     | 1.1                                  | n         | ng/Kg-dry       | 10              | 1/28/2019     |
| Sodium               | 190    | 67                                   | п         | ng/Kg-dry       | 10              | 1/28/2019     |
| Thallium             | ND     | 1.1                                  | n         | ng/Kg-dry       | 10              | 1/28/2019     |
| Vanadium             | 28     | 1.1                                  | n         | ng/Kg-dry       | 10              | 1/28/2019     |
| Zinc                 | 56     | 5.6                                  | n         | ng/Kg-dry       | 10              | 1/28/2019     |
| CLP Metals by ICP/MS | SW1    | 311/6020A                            | (SW3005A  | A) Prep         | Date: 1/28/2019 | Analyst: JG   |
| Antimony             | ND     | 0.015                                | ·         | mg/L            | 5               | 1/28/2019     |
| Arsenic              | ND .   | 0.010                                | •         | mg/L            | 5               | 1/28/2019     |
| Barium               | 1.0    | 0.050                                |           | mg/L            | 5               | 1/28/2019     |
| Beryllium            | ND     | 0.0050                               |           | mg/L            | 5               | 1/28/2019     |
| Cadmium              | ND     | 0.0050                               | •         | mg/L            | 5               | 1/28/2019     |
| Chromium             | ND     | 0.010                                |           | mg/L            | 5               | 1/28/2019     |
| Cobalt               | 0.028  | 0.010                                |           | mg/L            | 5               | 1/28/2019     |
| Copper               | ND     | 0.10                                 | •         | mg/L            | 5               | 1/28/2019     |
| Iron                 | ND     | 0.25                                 |           | mg/L            | 5               | 1/28/2019     |
| Lead                 | ND     | 0.0050                               |           | mg/L            | 5               | 1/28/2019     |
| Manganese            | 3.4    | 0.010                                |           | mg/L            | 5               | 1/28/2019     |
| Nickel .             | 0.057  | 0.020                                |           | mg/L            | 5               | 1/28/2019     |
| Selenium             | ND     | 0.010                                |           | mg/L            | 5               | 1/28/2019     |
| Silver               | ND     | 0.010                                |           | mg/L            | 5               | 1/28/2019     |
| Thallium             | ND     | 0.0050                               |           | mg/L            | 5               | 1/28/2019     |
| Vanadium             | ND     | 0.010                                |           | mg/L            | 5               | 1/28/2019     |
| Zinc                 | ND     | 0.050                                |           | mg/L            | 5               | 1/28/2019     |
| CLP Mercury          | SW1    | 311/7470A                            |           | Prep            | Date: 1/27/2019 | Analyst: LB   |
| Mercury              | ND     | 0.00020                              |           | mg/L            | 1               | 1/27/2019     |
| Mercury .            | SW7    | 471B                                 |           | Prep            | Date: 1/27/2019 | Analyst: LB   |
| Mercury              | 0.028  | 0.022                                | π         | ng/Kg-dry       | 1               | 1/27/2019     |
| Cyanide, Total       | SW9    | 012A                                 | -         | Prep            | Date: 1/25/2019 | Analyst: MD   |
| Cyanide              | ND     | 0.31                                 | m         | ng/Kg-dry       | 1               | 1/25/2019     |
| oH (25 °C)           | SW9    | 045C                                 |           | Prep            | Date: 1/24/2019 | •             |
| pH                   | 7.78   | •                                    | 1         | pH Units        | 1               | 1/24/2019     |
| Percent Moisture     | D297   | <b>'</b> 4                           |           | Prep            | Date: 1/23/2019 |               |
| Percent Moisture     | 20.0   | 0.2                                  | •         | wt%             | 1               | 1/24/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-009

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Collection Date: 1/22/2019 8:00:00 AM

Matrix: Soil

Client Sample ID: A-9

| Analyses                                | Result | RL        | Qualifier U    | nits   | DF              | Date Analyze |
|---|--------|-----------|----------------|--------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B |                | Prep   | Date: 1/22/2019 | Analyst: ERI |
| Acetone                                 | ND     | 0.079     | . mg/l         | Kg-dry | 1               | 1/23/2019    |
| Benzene                                 | · ND   | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Bromodichloromethane                    | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Bromoform                               | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Bromomethane                            | ND     | 0.011     | mg/            | Kg-dry | 1               | 1/23/2019    |
| 2-Butanone                              | ND     | 0.079     | mg/            | Kg-dry | 1               | 1/23/2019    |
| Carbon disulfide                        | ND     | 0.053     | mg/            | Kg-dry | 1               | 1/23/2019    |
| Carbon tetrachloride                    | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Chlorobenzene                           | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Chloroethane                            | ND     | 0.011     | mg/            | Kg-dry | 1               | 1/23/2019    |
| Chloroform                              | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Chloromethane                           | ND     | 0.011     | mg/l           | Kg-dry | 1               | 1/23/2019    |
| Dibromochloromethane                    | ND     | 0.0053    | mg/l           | Kg-dry | <b>1</b>        | 1/23/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0053    | mg/l           | Kg-dry | 1 .             | 1/23/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0022    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0022    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| Ethylbenzene                            | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| 2-Hexanone                              | ND     | 0.022     | · · · · · mg/l | Kg-dry | 1               | 1/23/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.022     | mg/            | Kg-dry | 1               | 1/23/2019    |
| Methylene chloride                      | ND     | 0.011     | mg/            | Kg-dry | 1               | 1/23/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| Styrene                                 | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Tetrachloroethene                       | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Toluene                                 | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0053    | mg/l           | Kg-dry | 1               | 1/23/2019    |
| Trichloroethene                         | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Vinyl chloride                          | ND     | 0.0053    | mg/            | Kg-dry | 1               | 1/23/2019    |
| Xylenes, Total                          | ND     | 0.016     | mg/            | Kg-dry | 1               | 1/23/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW  | 3550B)         | Prep   | Date: 1/25/2019 | •            |
| Acenaphthene                            | ND     | 0.039     | mg/l           | Kg-dry | 1               | 1/28/2019    |
| Acenaphthylene                          | ND     | 0.039     | mg/            | Kg-dry | 1               | 1/28/2019    |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Work Order: Environmental Group Services, Ltd.

19010565 Revision 1

**Project:** Lab ID:

Franklin-EB

19010565-009

Client Sample ID: A-9

Collection Date: 1/22/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier      | Units    | DF              | Date Analyzed |
|---|--------|----------|----------------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW | 3550B)         | Prep     | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.39     | m:             | g/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.039    | m              | g/Kg-dry | 1 '             | 1/28/2019     |
| Benzidine                               | ND     | 0.39     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 0.98     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.20     | m <sub>i</sub> | g/Kg-dry | 1 ·             | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.98     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.20     | m;             | g/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.20     | m <sub>i</sub> | g/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.39     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.20     | m              | g/Kg-dry | ·1              | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.20     | m              | g/Kg-dry | 1 .             | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.39     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 0.98     | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.039    | m              | g/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.20     | m              | g/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-009

Client Sample ID: A-9

Collection Date: 1/22/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qual       | lifier Units | DF              | Date Analyzed |
|---|--------|---------------|--------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550E | •            | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.039         | mg/Kg-dry    | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.039         | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.039         | mg/Kg-dry    | 1 ,             | 1/28/2019     |
| Isophorone                              | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.039         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.20          | mg/Kg-dry    | 1 '             | 1/28/2019     |
| 3-Nitroaniline ·                        | ND .   | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.20          | mg/Kg-dry    | 1 `             | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.39          | mg/Kg-dry    | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.039         | mg/Kg-dry    | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.039         | mg/Kg-dry    | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.079         | mg/Kg-dry    | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.039         | mg/Kg-dry    | 1 .             | 1/28/2019     |
| Phenol                                  | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.039         | mg/Kg-dry    | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.91          | mg/Kg-dry    | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.20          | mg/Kg-dry    | <b>, 1</b>      | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.20          | mg/Kg-dry    | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 82A (SW3550E  | B) Prep      | Date: 1/25/2019 | •             |
| Aroclor 1016                            | ND     | 0.095         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.095         | mg/Kg-dry    | 1 .             | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.095         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.095         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1248                            | ND ·   | 0.095         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.095         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.095         | mg/Kg-dry    | 1               | 1/25/2019     |

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Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-009

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Client Sample ID: A-9

. Collection Date: 1/22/2019 8:00:00 AM

Matrix: Soil

| Analyses           | Result            | RL Qualifi | er Units             | DF              | Date Analyzed |
|--------------------|-------------------|------------|----------------------|-----------------|---------------|
| Pesticides         | SW8081B (SW3550B) |            | Prep Date: 1/25/2019 |                 | Analyst: GVC  |
| 4,4´-DDD           | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| 4,4'-DDE           | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| 4,4'-DDT           | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Aldrin             | . ND              | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| alpha-BHC          | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| alpha-Chlordane    | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| beta-BHC           | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Chlordane          | ND                | 0.019      | mg/Kg-dry            | 1               | 1/25/2019     |
| delta-BHC          | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Dieldrin           | ND                | 0.0019     | mg/Kg-dry            | 1 `             | 1/25/2019     |
| Endosulfan I       | ND                | 0.0019     | mg/Kg-dry            | 1 '             | 1/25/2019     |
| Endosulfan II      | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Endosulfan sulfate | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Endrin             | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Endrin aldehyde    | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Endrin ketone      | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| gamma-BHC          | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| gamma-Chlordane    | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Heptachlor         | ND .              | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Heptachlor epoxide | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Methoxychlor       | ND                | 0.0019     | mg/Kg-dry            | 1               | 1/25/2019     |
| Toxaphene          | ND                | 0.039      | mg/Kg-dry            | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6020A (SW3050B) |            | Prep                 | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 16000             | 22         | mg/Kg-dry            | 10              | 1/28/2019     |
| Antimony           | ND                | 2.2        | mg/Kg-dry            | 10              | 1/28/2019     |
| Arsenic            | 6.9               | 1.1        | mg/Kg-dry            | 10              | 1/28/2019     |
| Barium             | 95                | 1.1        | mg/Kg-dry            | 10              | 1/28/2019     |
| Beryllium          | 0.97              | 0.54       | mg/Kg-dry            | 10              | 1/28/2019     |
| Cadmium            | ND                | 0.54       | mg/Kg-dry            | 10              | 1/28/2019     |
| Calcium            | 76000             | 65         | mg/Kg-dry            | 10              | 1/28/2019     |
| Chromium           | 30                | 1.1        | mg/Kg-dry            | 10              | 1/28/2019     |
| Cobalt             | 16                | 1.1        | mg/Kg-dry            | 10              | 1/28/2019     |
| Copper             | · 31              | 2.7        | mg/Kg-dry            | 10 .            | 1/28/2019     |
| Iron               | 27000             | 33         | mg/Kg-dry            | 10              | 1/28/2019     |
| Lead               | 15                | 0.54       | mg/Kg-dry            | 10              | 1/28/2019     |
| Magnesium          | 38000             | 33         | mg/Kg-dry            | 10              | 1/28/2019     |
| Manganese          | 540               | 1.1        | mg/Kg-dry            | 10              | 1/28/2019     |
| Nickel             | 42                | 1.1        | mg/Kg-dry            | 10              | 1/28/2019     |

ND - Not Detected at the Reporting Limit

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Environmental Group Services, Ltd. Client:

19010565 Revision 1 Work Order:

Franklin-EB Project:

Lab ID: 19010565-009

Client Sample ID: A-9 Collection Date: 1/22/2019 8:00:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier | Units     | DF              | Date Analyze       |
|----------------------|--------|-----------|-----------|-----------|-----------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Potassium            | 4100   | 33        | ·         | mg/Kg-dry | 10              | 1/28/2019          |
| Selenium             | 1.3    | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Silver               | ND     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Sodium               | 230    | 65        |           | mg/Kg-dry | 10              | 1/28/2019          |
| Thallium             | ND     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Vanadium             | 33     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Zinc                 | 58     | 5.4       |           | mg/Kg-dry | <sup>-</sup> 10 | 1/28/2019          |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: <b>JG</b> |
| Antimony             | ND     | 0.015     |           | mg/L      | 5               | 1/28/2019          |
| Arsenic              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Barium               | 0.91   | 0.050     | •         | mg/L      | 5               | 1/28/2019          |
| Beryllium            | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Cadmium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Chromium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Cobalt               | 0.042  | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Copper               | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019          |
| Iron                 | 0.78   | 0.25      |           | mg/L      | 5               | 1/28/2019          |
| Lead                 | 0.010  | 0.0050    | ,         | mg/L      | 5               | 1/28/2019          |
| Manganese            | 7.0    | 0.010     | •         | mg/L      | 5               | 1/28/2019          |
| Nickel               | 0.065  | 0.020     |           | mg/L      | 5               | 1/28/2019          |
| Selenium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Silver               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Thallium             | ND     | 0.0050    |           | mg/L      | 5 ·             | 1/28/2019          |
| Vanadium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Zinc                 | ND     | 0.050     |           | mg/L      | 5 .             | 1/28/2019          |
| CLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019          |
| ercury               | SW7    | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | ND     | 0.021     |           | mg/Kg-dry | 1               | 1/27/2019          |
| yanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: MD        |
| Cyanide              | ND     | 0.30      |           | mg/Kg-dry | 1               | 1/25/2019          |
| H (25 °C)            |        | 045C      |           |           | Date: 1/24/2019 | •                  |
| pH .                 | 7.74   |           |           | pH Units  | 1               | 1/24/2019          |
| ercent Moisture      | D297   |           |           | •         | Date: 1/23/2019 | •                  |
| Percent Moisture     | 16.6   | 0.2       | *         | wt%       | 1               | 1/24/2019          |

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Qualifiers:

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

**Client:** Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

**Project:** 

Lab ID:

Franklin-EB 19010565-010

Client Sample ID: A-10

Collection Date: 1/22/2019 8:15:00 AM

Matrix: Soil

| Analyses                               | Result | RL Q       | ualifier Units | DF                 | Date Analyze   |
|--|--------|------------|----------------|--------------------|----------------|
| Volatile Organic Compounds by GC/MS    | SW5    | 035/8260B  |                | ep Date: 1/22/2019 | 9 Analyst: ERF |
| Acetone                                | 0.17   | 0.11       | mg/Kg-d        |                    | 1/23/2019      |
| Benzene                                | ND     | 0.0071     | mg/Kg-d        | y 1                | 1/23/2019      |
| Bromodichloromethane                   | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| Bromoform                              | ND     | 0.0071     | mg/Kg-di       | y 1′               | 1/23/2019      |
| Bromomethane                           | ND     | 0.014      | mg/Kg-di       | y 1                | 1/23/2019      |
| 2-Butanone                             | ND     | 0.11       | mg/Kg-d        | y 1                | 1/23/2019      |
| Carbon disulfide                       | ND     | 0.071      | mg/Kg-di       | y 1                | 1/23/2019      |
| Carbon tetrachloride                   | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| Chlorobenzene                          | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| Chloroethane                           | ND     | 0.014      | mg/Kg-di       | y 1                | 1/23/2019      |
| Chloroform                             | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| Chloromethane                          | ND     | 0.014      | mg/Kg-di       | y 1                | 1/23/2019      |
| Dibromochloromethane                   | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 1,1-Dichloroethane                     | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 1,2-Dichloroethane                     | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 1,1-Dichloroethene                     | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| cis-1,2-Dichloroethene                 | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| trans-1,2-Dichloroethene               | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 1,2-Dichloropropane                    | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| cis-1,3-Dichloropropene                | ND     | 0.0028     | mg/Kg-di       | y 1                | 1/23/2019      |
| trans-1,3-Dichloropropene              | ND     | 0.0028     | mg/Kg-di       | y 1                | 1/23/2019      |
| Ethylbenzene                           | ND .   | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 2-Hexanone                             | ND     | 0.028      | mg/Kg-dı       | y 1                | 1/23/2019      |
| 4-Methyl-2-pentanone                   | ND     | 0.028      | mg/Kg-dı       | y 1                | 1/23/2019      |
| Methylene chloride                     | ND     | 0.014      | mg/Kg-di       | y 1                | 1/23/2019      |
| Methyl tert-butyl ether                | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| Styrene                                | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 1,1,2,2-Tetrachloroethane              | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| Tetrachloroethene                      | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| Toluene                                | ND     | 0.0071     | mg/Kg-di       | y 1                | 1/23/2019      |
| 1,1,1-Trichloroethane                  | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| 1,1,2-Trichloroethane                  | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| Trichloroethene                        | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| Vinyl chloride                         | ND     | 0.0071     | mg/Kg-dı       | y 1                | 1/23/2019      |
| Xylenes, Total                         | ND     | 0.021      | mg/Kg-dı       | y 1                | 1/23/2019      |
| Semivolatile Organic Compounds by GC/M |        | 270C (SW35 | •              | ep Date: 1/25/2019 |                |
| Acenaphthene                           | ND     | 0.041      | mg/Kg-di       | •                  | 1/28/2019      |
| Acenaphthylene                         | ND     | 0.041      | mg/Kg-dı       | y 1                | 1/28/2019      |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID:

Franklin-EB 19010565-010

Client Sample ID: A-10

Collection Date: 1/22/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL      | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|---------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.41    | ſ         | ng/Kg-dry | 1               | 1/28/2019     |
| Anthracene .                            | ND     | 0.041   | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041   | Г         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzidine ·                             | ND     | 0.41    | Ţ         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041   | ·         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene .                  | ND     | 0.041   | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041   | r         | ng/Kg-dry | 1 .             | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041   | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0     | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21    | ٠r        | ng/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21    | , r       | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41    | r         | ng/Kg-dry | 1 -             | 1/28/2019     |
| 2-Chloronaphthalene .                   | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21    | г         | ng/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041   | . r       | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041   | г         | ng/Kg-dry | 1 .             | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21    | ŕ         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21    | r         | ng/Kg-dry | 1 '             | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21    | ı         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21    | ri        | ng/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41    | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041   | r         | ng/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041   | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21    | П         | ng/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

**Project:** Franklin-EB

Lab ID: 19010565-010 Client Sample ID: A-10

Collection Date: 1/22/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q        | ualifier | Units    | DF              | Date Analyzed |
|---|--------|-------------|----------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW355 | 50B)     | Prep     | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041       | m        | g/Kg-dry | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.041       | m        | g/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041       | m        | g/Kg-dry | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.041       | , w      | g/Kg-dry | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.041       | m        | g/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041       | m        | g/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.083       | m        | g/Kg-dry | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041       | m        | g/Kg-dry | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.041       | . m      | g/Kg-dry | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.96        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21        | m        | g/Kg-dry | 1               | 1/28/2019     |
| PCBs                                    |        | 082A (SW355 | 50B)     | Prep     | Date: 1/25/2019 | •             |
| Aroclor 1016                            | ND     | 0.10        |          | g/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.10        | m        | g/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.10        | m        | g/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.10        | m        | g/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.10        | m        | g/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.10        | m        | g/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.10        | m        | g/Kg-dry | 1               | 1/25/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** 

Franklin-EB

Client Sample ID: A-10

Collection Date: 1/22/2019 8:15:00 AM

Matrix: Soil

| Lab | ID: | 19010565-010 |
|-----|-----|--------------|
|     |     |              |

| Analyses           | Result | RL Qualifi     | er Units  | DF              | Date Analyzed      |
|--------------------|--------|----------------|-----------|-----------------|--------------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC       |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| 4,4'-DDT           | √ ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| alpha-BHC .        | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| alpha-Chlordane '  | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019          |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | İ               | 1/25/2019          |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Methoxychlor       | · ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1               | 1/25/2019          |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Aluminum           | 13000  | 23             | mg/Kg-dry | 10              | 1/28/2019          |
| Antimony           | ND     | 2.3            | mg/Kg-dry | 10              | 1/28/2019          |
| Arsenic            | 3.9    | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Barium             | 71     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Beryllium          | 0.81   | 0.57           | mg/Kg-dry | 10              | 1/28/2019          |
| Cadmium            | ND     | 0.57           | mg/Kg-dry | 10              | 1/28/2019          |
| Calcium            | 61000  | 68             | mg/Kg-dry | 10              | 1/28/2019          |
| Chromium           | 26     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Cobalt             | 10     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Copper             | 25     | 2.8            | mg/Kg-dry | 10              | 1/28/2019          |
| Iron               | 24000  | 34             | mg/Kg-dry | 10              | 1/28/2019          |
| Lead               | 12     | 0.57           | mg/Kg-dry | 10              | 1/28/2019          |
| Magnesium          | 31000  | 34             | mg/Kg-dry | 10              | 1/28/2019          |
| Manganese          | 390    | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Nickel             | 31     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-010

Client Sample ID: A-10

Collection Date: 1/22/2019 8:15:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Potassium             | 3300   | 34        | r         | ng/Kg-dry | 10              | 1/28/2019     |
| Selenium              | 1.4    | 1.1       | r         | ng/Kg-dry | 10              | 1/28/2019     |
| Silver                | ND     | 1.1       | r         | ng/Kg-dry | 10              | 1/28/2019     |
| Sodium                | 190    | 68        | r         | ng/Kg-dry | 10              | 1/28/2019     |
| Thallium              | ND     | 1.1       | r         | ng/Kg-dry | 10              | 1/28/2019     |
| Vanadium -            | 29     | 1.1       | r         | ng/Kg-dry | 10              | 1/28/2019     |
| Zinc                  | 53     | 5.7       | r         | ng/Kg-dry | 10              | 1/28/2019     |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005/  | A) Prep   | Date: 1/28/2019 | Analyst: JG   |
| Antimony              | ND     | 0.015     | •         | mg/L      | 5 ·             | 1/28/2019     |
| Arsenic               | ND     | 0.010     | •         | mg/L      | 5               | 1/28/2019     |
| Barium                | 1.1    | 0.050     |           | mg/L      | 5               | 1/28/2019     |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Cobalt                | 0.047  | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Copper                | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019     |
| Iron                  | 0.25   | 0.25      |           | mg/L      | 5               | 1/28/2019     |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Manganese             | 2.9    | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Nickel                | 0.10   | 0.020     |           | mg/L      | 5               | 1/28/2019     |
| Selenium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Silver                | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5               | 1/28/2019     |
| TCLP Mercury          | SW1    | 311/7470A | •         | Prep      | Date: 1/27/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   | •         | mg/L      | 1               | 1/27/2019     |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB   |
| Mercury               | ND     | 0.023     | n         | ng/Kg-dry | 1               | 1/27/2019     |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.32      | ri        | ng/Kg-dry | 1               | 1/25/2019     |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/24/2019 | •             |
| pН                    | 7.93   |           |           | pH Units  | 1               | 1/24/2019     |
| Percent Moisture      | D297   | <b>'4</b> |           | Prep      | Date: 1/23/2019 | Analyst: RW   |
| Percent Moisture      | 20.7   | 0.2       | •         | wt%       | 1               | 1/24/2019     |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Lab ID:

Franklin-EB

19010565-011

Client Sample ID: A-11

Collection Date: 1/22/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | Qualifier 1 | Units   | DF              | Date Analyzed |
|---|--------|------------|-------------|---------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |             | Prep    | Date: 1/22/2019 | Analyst: ERF  |
| Acetone                                 | 0.15   | 0.092      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Benzene                                 | ND     | 0.0062     | . · mg      | /Kg-dry | 1               | . 1/23/2019   |
| Bromodichloromethane                    | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Bromoform                               | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Bromomethane                            | ND     | 0.012      | mg          | /Kg-dry | 1               | 1/23/2019     |
| 2-Butanone                              | ND     | 0.092      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.062      | · mg        | /Kg-dry | 1               | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Chloroethane                            | ND     | 0.012      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Chloroform                              | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.012      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0024     | mg          | /Kg-dry | 1               | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0024     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.024      | mg          | /Kg-dry | 1               | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.024      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Methylene chloride                      | ND     | 0.012      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Styrene                                 | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Toluene                                 | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0062     | mg          | /Kg-dry | 1               | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.018      | mg          | /Kg-dry | 1               | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 550B)       | Prep    | Date: 1/25/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.042      | mg          | /Kg-dry | 1               | 1/28/2019     |
| Acenaphthylene                          | ND     | 0.042      | mg          | /Kg-dry | 1               | 1/28/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-011

Client Sample ID: A-11

Collection Date: 1/22/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL      | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|---------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: FP   |
| Aniline                                 | . ND   | 0.43    | n         | g/Kg-dry  | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.042   | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.042   | rr        | ig/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.42    | rr        | g/Kg-dry  | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.042   | rr        | ig/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.042   |           | g/Kg-dry  | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.042   |           | ig/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.042   | rr        | ig/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.1     | m         | ig/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.22    | m         | ig/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.22    | m         | ig/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1     | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.22    | m         | ig/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.22    | m         | ig/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.22    | rr        | ig/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.22    | m         | ig/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.42    | . u       | g/Kg-dry  | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.22    | m         | ig/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.042   | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.042   | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND '   | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.42    | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.1     | n         | g/Kg-dry  | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.042   | m         | g/Kg-dry  | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.042   |           | g/Kg-dry  | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | • 0.22  | m         | g/Kg-dry  | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND .   | 0.22    | m         | g/Kg-dry  | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: Fe

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-011

Client Sample ID: A-11

Collection Date: 1/22/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qu       | alifier Units   | DF              | Date Analyzed |
|---|--------|-------------|-----------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW355 | <b>0B)</b> Prep | Date: 1/25/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene ·             | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.22        | mg/Kg-dry       | 1 .             | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 2-Nitrophenot                           | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.42        | mg/Kg-dry       | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.086       | mg/Kg-dry       | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.042       | mg/Kg-dry       | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.99        | mg/Kg-dry       | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.22        | mg/Kg-dry       | 1               | . 1/28/2019   |
| 2,4,6-Trichlorophenol                   | ND     | 0.22        | mg/Kg-dry       | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 82A (SW355  | )B) Prep        | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10        | mg/Kg-dry       | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.10        | mg/Kg-dry       | , 1             | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.10        | mg/Kg-dry       | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.10        | mg/Kg-dry       | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.10        | mg/Kg-dry       | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.10        | mg/Kg-dry       | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.10        | mg/Kg-dry       | 1               | 1/25/2019     |

ND - Not Detected at the Reporting Limit

 ${\bf Qualifiers:}$ 

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

Date Trinted: 1 Coldary 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-011

**ANALYTICAL RESULTS** 

Client Sample ID: A-11

Collection Date: 1/22/2019 8:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1 '             | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin           | · ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.042          | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 13000  | 23             | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony           | ND     | 2.3            | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic            | 7.2    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Barium             | 60     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium          | 0.81   | 0.56           | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.56           | mg/Kg-dry | 10              | 1/28/2019     |
| Calcium            | 64000  | 68             | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium           | 26     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt             | 14     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Copper             | 28     | 2.8            | mg/Kg-dry | 10              | 1/28/2019     |
| Iron               | 26000  | 34             | mg/Kg-dry | 10              | 1/28/2019     |
| Lead               | 16     | 0.56           | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 32000  | 34             | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese          | 450    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Nickel             | 39     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |

Qualifiers: J - Analyte

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

Franklin-EB **Project:** 

Lab ID: 19010565-011

Client Sample ID: A-11

Collection Date: 1/22/2019 8:30:00 AM

Matrix: Soil

| Analyses              | Result             | RL        | Qualifier | Units        | DF              | Date Analyzed                   |
|-----------------------|--------------------|-----------|-----------|--------------|-----------------|---------------------------------|
| Metals by ICP/MS      | SW6                | 020A (SW  | 3050B)    | Prep         | Date: 1/26/2019 | Analyst: <b>JG</b>              |
| Potassium             | 3100               | 34        | m         | ng/Kg-dry    | 10              | 1/28/2019                       |
| Selenium              | 1.3                | 1.1       | m         | ng/Kg-dry    | 10              | 1/28/2019                       |
| Silver                | ND                 | 1.1       | m         | ng/Kg-dry    | 10              | 1/28/2019                       |
| Sodium                | 190                | 68        | m         | ng/Kg-dry    | 10              | 1/28/2019                       |
| Thallium              | ND                 | 1.1       | n         | ng/Kg-dry    | 10              | 1/28/2019                       |
| Vanadium              | 28                 | 1.1       | m         | ng/Kg-dry    | 10              | 1/28/2019                       |
| Zinc                  | 54                 | 5.6       | m         | ng/Kg-dry    | 10              | 1/28/2019                       |
| TCLP Metals by ICP/MS | SW1                | 311/6020A | (SW3005A  | () Prep      | Date: 1/28/2019 | Analyst: JG                     |
| Antimony              | ND                 | 0.015     | •         | mg/L         | 5               | 1/28/2019                       |
| Arsenic               | ND                 | 0.010     |           | mg/L         | 5               | 1/28/2019                       |
| Barium                | 0.92               | 0.050     |           | mg/L         | 5               | 1/28/2019                       |
| Beryllium             | · ND               | 0.0050    |           | mg/L         | 5               | 1/28/2019                       |
| Cadmium               | ND                 | 0.0050    |           | mg/L         | 5               | 1/28/2019                       |
| Chromium              | ND                 | 0.010     |           | mg/L         | 5               | 1/28/2019                       |
| Cobalt                | 0.085              | 0.010     |           | mg/L         | .5              | 1/28/2019                       |
| Copper                | ND                 | 0.10      |           | mg/L         | 5               | 1/28/2019                       |
| Iron                  | ND                 | 0.25      |           | mg/L         | 5               | 1/28/2019                       |
| Lead                  | 0.014              | 0.0050    |           | mg/L         | 5               | 1/28/2019                       |
| Manganese             | 5.5                | 0.010     |           | mg/L         | 5               | 1/28/2019                       |
| Nickel                | 0.12               | 0.020     |           | mg/L         | 5               | 1/28/2019                       |
| Selenium              | ND                 | 0.010     |           | mg/L         | 5               | 1/28/2019                       |
| Silver                | ND                 | 0.010     |           | mg/L         | 5               | 1/28/2019                       |
| Thallium              | ND                 | 0.0050    |           | mg/L         | 5               | 1/28/2019                       |
| Vanadium              | ND                 | 0.010     |           | mg/L         | 5               | 1/28/2019                       |
| Zinc                  | 0.054              | 0.050     |           | mg/L         | 5               | 1/28/2019                       |
| TCLP Mercury          | SW1                | 311/7470A |           | Prep         | Date: 1/27/2019 | Analyst: LB                     |
| Mercury               | ND                 | 0.00020   |           | mg/L         | 1               | 1/27/2019                       |
| Mercury               | SW7                | 471B      |           | Prep         | Date: 1/27/2019 | Analyst: LB                     |
| Mercury               | 0.025              | 0.023     | m         | ng/Kg-dry    | 1               | 1/27/2019                       |
| Cyanide, Total        | SW9                | 012A      |           | Prep         | Date: 1/25/2019 | Analyst: MD                     |
| Cyanide               | ND                 | 0.32      | m         | ng/Kg-dry    | 1               | 1/25/2019                       |
| pH (25 °C)            | <b>SW9</b><br>7.96 | 045C      |           | PrepoH Units | Date: 1/24/2019 | Analyst: <b>JT</b><br>1/24/2019 |
|                       | •                  |           | ,         |              | •               |                                 |
| Percent Moisture      | D297               |           |           | •            | Date: 1/23/2019 | •                               |
| Percent Moisture      | 22.1               | 0.2       | •         | wt%          | 1               | 1/24/2019                       |

Qualifiers:

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

Lab ID: 19010565-012

Client Sample ID: A-12

Collection Date: 1/22/2019 8:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF             | Date Analyzed            |
|---|--------|------------|----------------|----------------|--------------------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | , Pr           | ep Date: 1/22/ | 2019 Analyst: <b>AET</b> |
| Acetone                                 | ND     | 0.085      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Benzene                                 | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Bromodichloromethane                    | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Bromoform                               | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Bromomethane                            | ND     | 0.011      | mg/Kg-d        | ry 1 ·         | 1/23/2019                |
| 2-Butanone                              | ND     | 0.085      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Carbon disulfide                        | ND     | 0.058      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Carbon tetrachloride                    | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Chlorobenzene                           | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Chloroethane                            | ND     | 0.011      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Chloroform                              | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Chloromethane                           | ND     | 0.011      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Dibromochloromethane                    | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,1-Dichloroethane                      | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,2-Dichloroethane                      | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,1-Dichloroethene                      | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| cis-1,2-Dichloroethene                  | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| trans-1,2-Dichloroethene                | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,2-Dichloropropane                     | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| cis-1,3-Dichloropropene                 | ND     | 0.0023     | mg/Kg-d        | ry 1           | 1/23/2019                |
| trans-1,3-Dichloropropene               | ND     | 0.0023     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Ethylbenzene                            | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 2-Hexanone                              | ND     | 0.023      | mg/Kg-d        | ry 1,          | 1/23/2019                |
| 4-Methyl-2-pentanone                    | ND     | 0.023      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Methylene chloride                      | ND     | 0.011      | mg/Kg-d        | ry 1           | 1/23/2019                |
| Methyl tert-butyl ether                 | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Styrene                                 | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Tetrachloroethene                       | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Toluene                                 | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,1,1-Trichloroethane                   | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| 1,1,2-Trichloroethane                   | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Trichloroethene                         | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Vinyl chloride                          | ND     | 0.0058     | mg/Kg-d        | ry 1           | 1/23/2019                |
| Xylenes, Total                          | ND     | 0.018 .    | mg/Kg-d        | ry 1           | 1/23/2019                |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | •              | ep Date: 1/25/ | *                        |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-d        | *              | 1/28/2019                |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-d        | ry 1           | 1/28/2019                |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB
Lab ID: 19010565-012

Franklin-EB

Collection Date: 1/22/2019 8:45:00 AM

Matrix: Soil

Client Sample ID: A-12

| Analyses                                | Result | RL (     | Qualifier | Units   | DF              | Date Analyzed |
|---|--------|----------|-----------|---------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 70C (SW3 | 550B)     | Prep    | Date: 1/25/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.42     | _         | /Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041    |           | /Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41     | mg        | /Kg-dry | <b>1</b>        | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0      | mg        | /Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      | mg        | /Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041    | mg        | /Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21     | mg        | /Kg-dry | . 1             | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21     | mg        | /Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21     | •         | /Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | _         | /Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21     | -         | /Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41     | -         | /Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      | -         | /Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041    | -         | /Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041    | -         | /Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     | _         | /Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     | -         | /Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID:

Franklin-EB

19010565-012

Client Sample ID: A-12

Collection Date: 1/22/2019 8:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualif      | ier Units | DF              | Date Analyzed      |
|---|--------|----------------|-----------|-----------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: <b>DM</b> |
| Fluoranthene                            | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| Fluorene                                | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Naphthalene                             | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1 (             | 1/28/2019          |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Nitrophenol                           | ND     | 0.41           | mg/Kg-dry | 1               | 1/28/2019          |
| Nitrobenzene .                          | ND     | 0.041`         | mg/Kg-dry | 1               | 1/28/2019          |
| N-Nitrosodi-n-propylamine               | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 2, 2'-oxybis(1-Chloropropane)           | ND 、   | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Pentachlorophenol                       | ND     | 0.084          | mg/Kg-dry | 1               | 1/28/2019          |
| Phenanthrene                            | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| Pyrene                                  | ND     | 0.041          | mg/Kg-dry | 1               | 1/28/2019          |
| Pyridine                                | ND     | 0.96           | mg/Kg-dry | . 1             | 1/28/2019          |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019 .        |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1               | 1/28/2019          |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1 .             | 1/28/2019          |
| PCBs                                    | SW8    | 082A (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC       |
| Aroclor 1016                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/25/2019          |
| Aroclor 1221                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/25/2019          |
| Aroclor 1232                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/25/2019          |
| Aroclor 1242                            | ND .   | 0.099          | mg/Kg-dry | 1               | 1/25/2019          |
| Aroclor 1248                            | ND .   | 0.099          | mg/Kg-dry | 1               | 1/25/2019          |
| Aroclor 1254                            | . ND   | 0.099          | mg/Kg-dry | 1               | 1/25/2019          |
| Aroclor 1260                            | ND     | 0.099          | mg/Kg-dry | 1 ,             | 1/25/2019          |

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Qualifiers:

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Lab ID:

19010565 Revision 1 Client Sample ID: A-12

Work Order: 19010565 Revision 1

Project: Franklin-EB

Collection Date: 1/22/2019 8:45:00 AM

Matrix: Soil 19010565-012

| Analyses           | Result | RL Qualifie    | er Units  | DF              | Date Analyzed      |
|--------------------|--------|----------------|-----------|-----------------|--------------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC       |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| 4,4'-DDE           | NĎ     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019          |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin             | · ND   | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin aldehyde    | ŃD     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019          |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1               | 1/25/2019          |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Aluminum           | 15000  | 22             | mg/Kg-dry | 10              | 1/28/2019          |
| Antimony           | ND     | 2.2            | mg/Kg-dry | 10              | 1/28/2019          |
| Arsenic            | 9.1    | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Barium             | 100    | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Beryllium          | 0.91   | 0.56           | mg/Kg-dry | 10              | 1/28/2019          |
| Cadmium            | ND     | 0.56           | mg/Kg-dry | 10              | 1/28/2019          |
| Calcium            | 81000  | 67             | mg/Kg-dry | 10              | 1/28/2019          |
| Chromium           | 30     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Cobalt             | 15     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Copper             | 29     | 2.8            | mg/Kg-dry | 10              | 1/28/2019          |
| Iron               | 30000  | 33             | mg/Kg-dry | 10              | 1/28/2019          |
| Lead               | 15     | 0.56           | mg/Kg-dry | 10              | 1/28/2019          |
| Magnesium          | 39000  | · 33           | mg/Kg-dry | 10              | 1/28/2019          |
| Manganese          | 560    | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |
| Nickel             | 41     | 1.1            | mg/Kg-dry | 10              | 1/28/2019          |

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Date Reported:

February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** 

Franklin-EB

Lab ID:

19010565-012

Client Sample ID: A-12

Collection Date: 1/22/2019 8:45:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyzed      |
|-----------------------|--------|-----------|-----------|-----------|-----------------|--------------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: <b>JG</b> |
| Potassium             | 3600   | 33        | ·         | mg/Kg-dry | 10              | 1/28/2019          |
| Selenium              | 1.4    | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Silver                | · ND   | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Sodium                | 210    | 67        |           | mg/Kg-dry | 10              | 1/28/2019          |
| Thallium              | ND     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Vanadium              | 31     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Zinc                  | 58     | 5.6       |           | mg/Kg-dry | 10              | 1/28/2019          |
| TCLP Metals by ICP/MS | SW1:   | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: JG        |
| Antimony              | ND     | 0.015     | ·         | mg/L      | 5               | 1/28/2019          |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Barium                | 0.98   | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Cadmium               | ND ·   | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Cobalt                | 0.021  | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Copper                | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019          |
| Iron                  | 0.31   | 0.25      | •         | mg/L      | 5               | 1/28/2019          |
| Lead                  | ND.    | 0.0050    |           | mg/L      | <b>5</b> .      | 1/28/2019          |
| Manganese             | 3.5    | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Nickel                | 0.052  | 0.020     |           | mg/L      | 5               | 1/28/2019          |
| Selenium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Silver                | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Vanadium              | ND     | 0.010     |           | mġ/L      | 5               | 1/28/2019          |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| TCLP Mercury          | SW1:   | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019          |
| Mercury               | SW74   | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury               | ND     | 0.020     |           | mg/Kg-dry | 1               | 1/27/2019          |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: MD        |
| Cyanide               | ND     | 0.31      |           | mg/Kg-dry | 1               | 1/25/2019          |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/24/2019 |                    |
| рН                    | 7.99   |           |           | pH Units  | 1               | 1/24/2019          |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 1/23/2019 | •                  |
| Percent Moisture      | 20.4   | 0.2       | *         | wt%       | 1               | 1/24/2019          |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

19010565 Revision 1 Work Order:

**Project:** Franklin-EB

Lab ID: 19010565-013 Client Sample ID: A-13

Collection Date: 1/22/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep      | Date: 1/22/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.076      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Benzene                                 | ND     | 0.0050     | . п      | ng/Kg-dry | 1               | 1/23/2019     |
| Bromodichloromethane                    | ND     | 0.0050     | п        | ng/Kg-dry | 1               | 1/23/2019     |
| Bromoform                               | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Bromomethane                            | ND     | 0.010      | n        | ng/Kg-dry | 1 .             | 1/23/2019     |
| 2-Butanone                              | ND     | 0.076      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.050      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0050     |          | ng/Kg-dry | 1               | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Chloroethane                            | ND     | 0.010      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Chloroform                              | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.010      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0050     | п        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0020     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND .   | 0.0020     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.020      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.020      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Methylene chloride                      | ND     | 0.010      | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Styrene                                 | ND     | 0.0050     | п        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Toluene                                 | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0050     | п        | ng/Kg-dry | 1               | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0050     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0050     | п        | ng/Kg-dry | 1               | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0050     | п        | ng/Kg-dry | 1               | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.015      | п        | ng/Kg-dry | 1               | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | •        | •         | Date: 1/25/2019 | -             |
| Acenaphthene                            | ND     | 0.040      | п        | ng/Kg-dry | 1               | 1/28/2019     |
| Acenaphthylene                          | ND     | 0.040      | n        | ng/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Fran

Project: Lab ID: Franklin-EB 19010565-013 Client Sample ID: A-13

Collection Date: 1/22/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Un | its DF     | Date Analyzed         |
|---|--------|------------|-------------|------------|-----------------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW35 |             | Prep Date: | 1/25/2019 Analyst: DM |
| Aniline                                 | ND     | 0.41       | mg/K        | g-dry 1    | 1/28/2019             |
| Anthracene                              | ND     | 0.040      | mg/K        | g-dry 1    | 1/28/2019             |
| Benz(a)anthracene                       | ND     | 0.040      | mg/K        | g-dry 1    | 1/28/2019             |
| Benzidine                               | ND     | 0.40       | mg/K        | g-dry 1    | 1/28/2019             |
| Benzo(a)pyrene                          | ND     | 0.040      | mg/K        | g-dry 1    | 1/28/2019             |
| Benzo(b)fluoranthene                    | ND     | 0.040      | mg/K        | g-dry 1    | 1/28/2019             |
| Benzo(g,h,i)perylene                    | ND     | 0.040      | mg/K        | g-dry 1    | 1/28/2019             |
| Benzo(k)fluoranthene                    | ND     | 0.040      | mg/K        | g-dry 1    | 1/28/2019             |
| Benzoic acid                            | ND     | 1.0        | mg/K        | g-dry 1    | 1/28/2019             |
| Benzyl alcohol                          | ND     | 0.21       | mg/K        | g-dry 1    | 1/28/2019             |
| Bis(2-chloroethoxy)methane              | ND     | 0.21       | .mg/Kg      | g-dry 1    | 1/28/2019             |
| Bis(2-chloroethyl)ether                 | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0        | mg/Kg       | g-dry 1    | 1/28/2019             |
| 4-Bromophenyl phenyl ether              | NĎ     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| Butyl benzyl phthalate                  | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| Carbazole                               | ND     | 0.21       | mg/K        | g-dry 1    | 1/28/2019             |
| 4-Chloroaniline                         | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 4-Chloro-3-methylphenol <sup>4</sup>    | ND     | 0.40       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 2-Chloronaphthalene                     | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 2-Chlorophenol                          | ND     | 0.21       | mg/K        | g-dry 1    | . 1/28/2019           |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| Chrysene                                | ND     | 0.040      | mg/Kg       | g-dry 1    | 1/28/2019             |
| Dibenz(a,h)anthracene                   | ND     | 0.040      | mg/Kg       | g-dry 1    | 1/28/2019             |
| Dibenzofuran                            | ND     | 0.21       | mg/Kg       |            | 1/28/2019             |
| 1,2-Dichlorobenzene                     | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 1,3-Dichlorobenzene                     | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 1,4-Dichlorobenzene                     | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| 2,4-Dichlorophenol                      | ND     | 0.21       | mg/Kg       | •          | 1/28/2019             |
| Diethyl phthalate                       | ND     | 0.21       | mg/Kg       | •          | 1/28/2019             |
| 2,4-Dimethylphenol                      | ND     | 0.21       | mg/Kg       | g-dry 1    | 1/28/2019             |
| Dimethyl phthalate                      | ND     | 0.21       | mg/Kg       | -          | . 1/28/2019           |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40       | mg/Kg       | • •        | 1/28/2019             |
| 2,4-Dinitrophenol                       | ND     | 1.0        | mg/Kg       |            | 1/28/2019             |
| 2,4-Dinitrotoluene                      | ND     | 0.040      | mg/Kg       | •          | 1/28/2019             |
| 2,6-Dinitrotoluene                      | ND     | 0.040      | mg/Kg       |            | 1/28/2019             |
| Di-n-butyl phthalate                    | ND     | 0.21       | mg/Kg       | ,,         | 1/28/2019             |
| Di-n-octyl phthalate                    | ND     | 0.21       | mg/Kg       |            | 1/28/2019             |

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Date Reported: February 01, 2019 February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

Client: Work Order: Environmental Group Services, Ltd.

19010565 Revision 1

Project: Lab ID:

Franklin-EB

19010565-013

Client Sample ID: A-13

Collection Date: 1/22/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 | 50B)     | Prep      | Date: 1/25/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.040      |          | mg/Kg-dry | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.040      | (        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21       |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       |          | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21       | ļ        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21       | I        | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21       | ĺ        | mg/Kg-dry | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.040      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21       | . 1      | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.40       | I        | mg/Kg-dry | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.040      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21       | ĺ        | mg/Kg-dry | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.082      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.040      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21       | 1        | mg/Kg-dry | 1 '             | 1/28/2019     |
| Pyrene                                  | ND     | 0.040      | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.94       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | 1        | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | I        | mg/Kg-dry | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 082A (SW35 | 50B)     | Prep      | Date: 1/25/2019 | -             |
| Aroclor 1016                            | ND     | 0.098      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.098      | I        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1232                            | ND .   | 0.098      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.098      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.098      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.098      | 1        | mg/Kg-dry | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.098      | 1        | mg/Kg-dry | 1               | 1/25/2019     |

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Qualifiers:

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

Lab ID: 19010565-013 Client Sample ID: A-13

Collection Date: 1/22/2019 9:00:00 AM

Matrix: Soil

| Analyses           | Result | RL (       | ualifier Units   | DF              | Date Analyzee |
|--------------------|--------|------------|------------------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW35 | 50B) Prep        | Date: 1/25/2019 | Analyst: GV(  |
| 4,4'-DDD           | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| 4,4´-DDE           | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| 4,4'-DDT           | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.020      | mg/Kg-dry        | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020     | mg/Kg-dry        | 1 ,             | 1/25/2019     |
| Dieldrin           | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Endrin .           | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020     | mg/Kg-dry        | 1               | 1/25/2019     |
| Toxaphene          | , ND   | 0.041      | mg/Kg-dry        | 1 .             | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW30 | <b>50B)</b> Prep | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 14000  | 21         | mg/Kg-dry        | 10              | 1/28/2019     |
| Antimony           | ND     | 2.1        | mg/Kg-dry        | 10 .            | 1/28/2019     |
| Arsenic            | 12     | 1.1        | mg/Kg-dry        | 10              | 1/31/2019     |
| Barium             | 120    | 1.1        | mg/Kg-dry        | 10              | 1/28/2019 .   |
| Beryllium          | 0.94   | 0.54       | mg/Kg-dry        | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.54       | mg/Kg-dry        | 10              | 1/28/2019     |
| Calcium            | 76000  | 64         | mg/Kg-dry        | 10              | 1/28/2019     |
| Chromium           | 29     | 1.1        | mg/Kg-dry        | 10              | 1/28/2019     |
| Cobalt             | 16     | 1.1        | mg/Kg-dry        | 10              | 1/28/2019     |
| Copper             | 39     | 2.7        | mg/Kg-dry        | 10              | 1/28/2019     |
| Iron               | 33000  | 32         | mg/Kg-dry        | 10              | 1/28/2019     |
| Lead               | 18     | 0.54       | mg/Kg-dry        | 10              | 1/28/2019     |
| Magnesium          | 40000  | 32         | mg/Kg-dry        | 10              | 1/28/2019     |
| Manganese          | 580    | 1.1        | mg/Kg-dry        | 10              | 1/28/2019     |
| Nickel             | 45     | 1.1        | mg/Kg-dry        | 10              | 1/28/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

ANALYTICAL RESULTS

Date Filiteu: February 01

Client: E

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB 19010565-013 Client Sample ID: A-13

Collection Date: 1/22/2019 9:00:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier U | nits      | DF                    | Date Analyzed      |
|----------------------|--------|-----------|-------------|-----------|-----------------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW  | 3050B)      | Prep D    | ate: <b>1/26/2019</b> | Analyst: JG        |
| Potassium            | 3800   | 32        | •           | (g-dry    | 10                    | 1/28/2019          |
| Selenium             | 1.6    | 1.1       | mg/l        | (g-dry    | 10                    | 1/28/2019          |
| Silver               | ND     | 1.1       | mg/l        | (g-dry    | 10                    | 1/28/2019          |
| Sodium               | 200    | 64        | mg/l        | (g-dry    | 10                    | 1/28/2019          |
| Thallium             | ND     | . 1.1     | mg/l        | (g-dry    | 10                    | 1/28/2019          |
| Vanadium             | 31     | 1.1       | mg/l        | (g-dry    | 10                    | 1/28/2019          |
| Zinc                 | 63     | 5.4       | mg/l        | (g-dry    | 10                    | 1/28/2019          |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A)   | Prep D    | ate: <b>1/28/2019</b> | Analyst: <b>JG</b> |
| Antimony             | ND     | 0.015     | m           | g/L       | 5                     | 1/28/2019          |
| Arsenic              | ND     | 0.010     | m           | g/L       | 5                     | 1/28/2019          |
| Barium               | 0.89   | 0.050     | m           | g/L       | 5                     | 1/28/2019          |
| Beryllium            | ND     | 0.0050    | m           | g/L       | 5                     | 1/28/2019          |
| Cadmium              | ND     | 0.0050    | m           | g/L       | 5                     | 1/28/2019          |
| Chromium             | ND     | 0.010     | m           | g/L       | 5                     | 1/28/2019          |
| Cobalt               | 0.026  | 0.010     | · m         | g/L       | 5                     | 1/28/2019          |
| Copper               | ND     | 0.10      | m           | g/L       | 5                     | 1/28/2019          |
| Iron                 | ND     | 0.25      | m           | g/L       | 5                     | 1/28/2019          |
| Lead                 | ND     | 0.0050    | m           | g/L       | 5                     | 1/28/2019          |
| Manganese            | 3.6    | 0.010     | m           | g/L       | 5                     | 1/28/2019          |
| Nickel               | 0.058  | 0.020     |             | g/L       | 5                     | 1/28/2019          |
| Selenium             | ND     | 0.010     | m           | g/L       | 5                     | 1/28/2019          |
| Silver               | ND/    | 0.010     | m           | g/L       | 5                     | 1/28/2019          |
| Thallium             | ND     | 0.0050    | m           | g/L       | 5                     | 1/28/2019          |
| Vanadium             | ND     | 0.010     | m           | g/L       | 5                     | 1/28/2019          |
| Zinc                 | ND     | 0.050     | m           | g/L       | 5                     | 1/28/2019          |
| CLP Mercury          | SW1    | 311/7470A |             | Prep D    | ate: 1/27/2019        | Analyst: LB        |
| Mercury              | ND     | 0.00020   | m           | g/L       | 1                     | 1/27/2019          |
| flercury             |        | 471B      |             |           | ate: 1/27/2019        | Analyst: LB        |
| Mercury              | 0.025  | 0.020     | mg/l        | (g-dry    | 1                     | 1/27/2019          |
| yanide, Total        |        | 012A      |             | •         | ate: 1/25/2019        | Analyst: MD        |
| Cyanide              | ND     | 0.31      | mg/l        | (g-dry    | 1                     | 1/25/2019          |
| oH (25 °C)           | SW9    | 045C      |             | Prep D    | ate: 1/24/2019        | Analyst: JT        |
| pH ·                 | 7.95   |           | рН          | Units     | 1                     | 1/24/2019          |
| Percent Moisture     | D297   |           |             |           | ate: <b>1/23/2019</b> | Analyst: RW        |
| Percent Moisture     | 19.8   | 0.2       | * w         | <b>t%</b> | 1                     | 1/24/2019          |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-014

Client Sample ID: A-14

Collection Date: 1/22/2019 9:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL (       | Qualifier 1 | Units   | DF              | Date Analyze |
|---|--------|------------|-------------|---------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |             | Prep    | Date: 1/22/2019 | Analyst: AE1 |
| Acetone                                 | ND     | 0.078      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Benzene                                 | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Bromodichloromethane                    | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Bromoform                               | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Bromomethane                            | ND     | 0.011      | mg          | /Kg-dry | 1               | 1/23/2019    |
| 2-Butanone                              | ND     | 0.078      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Carbon disulfide                        | ND     | 0.052      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Carbon tetrachloride                    | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Chlorobenzene                           | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Chloroethane '                          | ND     | 0.011      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Chloroform                              | ND     | 0.0052     | . mg        | /Kg-dry | 1               | 1/23/2019    |
| Chloromethane                           | ND     | 0.011      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Dibromochloromethane                    | ND     | 0.0052     | , mg        | /Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| cis-1,2-Dichloroethene                  | ND .   | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0021     | mg          | /Kg-dry | 1               | 1/23/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0021     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Ethylbenzene                            | ND     | 0.0052     | . mg        | /Kg-dry | 1               | 1/23/2019    |
| 2-Hexanone                              | ND -   | 0.021      | mg          | /Kg-dry | 1               | 1/23/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.021      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Methylene chloride                      | ND     | 0.011      | mg          | /Kg-dry | 1               | 1/23/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Styrene                                 | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0052     | . mg        | /Kg-dry | 1               | 1/23/2019    |
| Tetrachloroethene                       | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Toluene                                 | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Trichloroethene                         | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Vinyl chloride                          | ND     | 0.0052     | mg          | /Kg-dry | 1               | 1/23/2019    |
| Xylenes, Total                          | ND     | 0.016      |             | /Kg-dry | 1               | 1/23/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 550B)       | Prep    | Date: 1/25/2019 | Analyst: DM  |
| Acenaphthene                            | ND     | 0.043      | mg          | /Kg-dry | 1               | 1/28/2019    |
| Acenaphthylene                          | ND     | 0.043      | mg          | /Kg-dry | 1               | 1/28/2019    |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Environmental Group Services, Ltd. **Client:** 

Work Order: 19010565 Revision 1

Project: Franklin-EB

Lab ID: 19010565-014

Client Sample ID: A-14 Collection Date: 1/22/2019 9:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed      |
|---|--------|----------|-----------|-----------|-----------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW3 | 550B)     | Prep      | Date: 1/25/2019 | Analyst: <b>DM</b> |
| Aniline                                 | ND     | 0.43     | ٠ ١       | mg/Kg-dry | 1               | 1/28/2019          |
| Anthracene                              | ND     | 0.043    | ٠ ١       | mg/Kg-dry | 1               | 1/28/2019          |
| Benz(a)anthracene                       | ND     | 0.043    | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| Benzidine                               | ND     | 0.43     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Benzo(a)pyrene                          | ND     | 0.043    | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| Benzo(b)fluoranthene                    | ND     | 0.043    | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| Benzo(g,h,i)perylene                    | ND     | 0.043    | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| Benzo(k)fluoranthene                    | ND     | 0.043    | ا ر       | mg/Kg-dry | 1               | 1/28/2019          |
| Benzoic acid                            | ND     | 1.1      | · 1       | mg/Kg-dry | 1               | 1/28/2019          |
| Benzyl alcohol                          | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019          |
| Bis(2-chloroethoxy)methane              | ND     | 0.22     | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| Bis(2-chloroethyl)ether                 | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1      | 1         | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Bromophenyl phenyl ether              | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Butyl benzyl phthalate                  | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Carbazole                               | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Chloroaniline                         | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Chloro-3-methylphenol                 | ND     | 0.43     | 1         | mg/Kg-dry | 1               | 1/28/2019          |
| 2-Chloronaphthalene                     | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| 2-Chlorophenol                          | ND     | 0.22     | , 1       | mg/Kg-dry | 1               | 1/28/2019          |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Chrysene                                | ND     | 0.043    | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| Dibenz(a,h)anthracene                   | ND     | 0.043    |           | mg/Kg-dry | 1               | 1/28/2019          |
| Dibenzofuran                            | ND     | 0.22     | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| 1,2-Dichlorobenzene                     | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019          |
| 1,3-Dichlorobenzene                     | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| 1,4-Dichlorobenzene                     | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| 3,3'-Dichlorobenzidine                  | ND     | 0.22     | ı         | mg/Kg-dry | 1               | 1/28/2019          |
| 2,4-Dichlorophenol                      | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Diethyl phthalate                       | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| 2,4-Dimethylphenol                      | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Dimethyl phthalate                      | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.43     |           | mg/Kg-dry | 1               | 1/28/2019          |
| 2,4-Dinitrophenol                       | ND     | 1.1      |           | mg/Kg-dry | 1               | 1/28/2019          |
| 2,4-Dinitrotoluene                      | ND     | 0.043    |           | ng/Kg-dry | 1               | 1/28/2019          |
| 2,6-Dinitrotoluene                      | ND     | 0.043    |           | ng/Kg-dry | 1               | 1/28/2019          |
| Di-n-butyl phthalate                    | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |
| Di-n-octyl phthalate                    | ND     | 0.22     |           | mg/Kg-dry | 1               | 1/28/2019          |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Client Sample ID: A-14 19010565 Revision 1

Work Order: Collection Date: 1/22/2019 9:15:00 AM Project: Franklin-EB

Matrix: Soil Lab ID: 19010565-014

| Analyses                                | Result | RL (      | Qualifier | Units    | DF              | Date Analyzed        |
|---|--------|-----------|-----------|----------|-----------------|----------------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3 | 550B)     | Prep     | Date: 1/25/2019 | Analyst: DM          |
| Fluoranthene                            | ND     | 0.043     |           | g/Kg-dry | 1               | 1/28/2019            |
| Fluorene                                | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| Hexachlorobenzene                       | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Hexachlorobutadiene                     | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Hexachlorocyclopentadiene               | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019 .          |
| Hexachloroethane                        | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| Isophorone                              | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2-Methylnaphthalene                     | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2-Methylphenol                          | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 4-Methylphenol                          | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Naphthalene                             | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2-Nitroaniline                          | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 3-Nitroaniline                          | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 4-Nitroaniline                          | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2-Nitrophenol                           | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 4-Nitrophenol                           | ND     | 0.43      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Nitrobenzene                            | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| N-Nitrosodi-n-propylamine               | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| N-Nitrosodimethylamine .                | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| N-Nitrosodiphenylamine                  | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Pentachlorophenol $C$                   | ND     | 0.086     | m         | g/Kg-dry | 1               | 1/28/2019            |
| Phenanthrene                            | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| Phenol                                  | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| Pyrene                                  | ND     | 0.043     | m         | g/Kg-dry | 1               | 1/28/2019            |
| Pyridine                                | ND     | 0.99      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2,4,5-Trichlorophenol                   | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| 2,4,6-Trichlorophenol                   | ND     | 0.22      | m         | g/Kg-dry | 1               | 1/28/2019            |
| PCBs                                    | SW8    | 082A (SW3 | 550B)     | Prep     | Date: 1/25/2019 | Analyst: <b>GV</b> C |
| Aroclor 1016                            | ND     | 0.10      |           | g/Kg-dry | 1               | 1/25/2019            |
| Aroclor 1221                            | ND     | 0.10      | m         | g/Kg-dry | 1               | 1/25/2019            |
| Aroclor 1232                            | ND     | 0.10      | m         | g/Kg-dry | 1               | 1/25/2019            |
| Aroclor 1242                            | ND     | 0.10      | m         | g/Kg-dry | ,1              | 1/25/2019            |
| Aroclor 1248                            | ND     | 0.10      | m         | g/Kg-dry | 1               | 1/25/2019            |
| Aroclor 1254                            | ND     | 0.10      | m         | g/Kg-dry | <b>, 1</b>      | 1/25/2019            |
| Aroclor 1260                            | ND     | 0.10      | m         | g/Kg-dry | <b>1</b>        | 1/25/2019            |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19010565 Revision

Project: Lab ID: Franklin-EB 19010565-014

19010565 Revision 1

**Collection Date:** 1/22/2019 9:15:00 AM

Matrix: Soil

Client Sample ID: A-14

| Analyses           | Result | RL Qualif      | ier Units | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4´-DDE           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4´-DDT           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1               | 1/25/2019     |
| Toxaphene          | ND     | 0.042          | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS   | . SW6  | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 12000  | 22             | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony           | ND     | 2.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic            | 6.3    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Barium             | 33     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium          | 0.70   | 0.56           | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.56           | mg/Kg-dry | 10              | 1/28/2019     |
| Calcium            | 61000  | 67             | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium           | 23     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt             | 9.6    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Copper             | 27     | 2.8            | mg/Kg-dry | 10              | 1/28/2019     |
| Iron               | 27000  | 33             | mg/Kg-dry | 10              | 1/28/2019     |
| Lead .             | 14     | 0.56           | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 31000  | 33             | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese          | 420    | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |
| Nickel             | 30     | 1.1            | mg/Kg-dry | 10              | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID: Franklin-EB

19010565-014

Client Sample ID: A-14

Collection Date: 1/22/2019 9:15:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier | Units     | DF              | Date Analyzed      |
|----------------------|--------|-----------|-----------|-----------|-----------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: JG        |
| Potassium            | 2800   | 33        |           | mg/Kg-dry | 10              | 1/28/2019          |
| Selenium ·           | 1.7    | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| Silver               | ND     | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| Sodium               | 170    | 67        | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| Thallium             | ND     | 1.1       | 1         | mg/Kg-dry | 10 ·            | 1/28/2019          |
| Vanadium             | 29     | 1.1       | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| Zinc                 | 53     | 5.6       | 1         | mg/Kg-dry | 10              | 1/28/2019          |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: <b>JG</b> |
| Antimony             | ND     | 0.015     | ·         | mg/L      | 5               | 1/28/2019          |
| Arsenic              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Barium               | 0.058  | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| Beryllium            | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Cadmium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Chromium             | , ND   | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Cobalt               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Copper               | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019          |
| Iron .               | ND     | 0.25      |           | mg/L      | 5               | 1/28/2019          |
| Lead                 | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Manganese            | 2.3    | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Nickel               | ND     | 0.020     |           | mg/L      | 5 .             | 1/28/2019          |
| Selenium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Silver               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Thallium             | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Vanadium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Zinc                 | ND     | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| CLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury              | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019          |
| Mercury              | SW7    | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury ,            | 0.027  | 0.020     | 1         | mg/Kg-dry | 1               | 1/27/2019          |
| Cyanide, Total .     |        | 012A      |           |           | Date: 1/25/2019 | •                  |
| Cyanide              | ND     | 0.32      | 1         | mg/Kg-dry | 1               | 1/25/2019          |
| oH (25 °C)           |        | 045C      |           | •         | Date: 1/24/2019 | •                  |
| рН                   | 7.85   |           |           | pH Units  | 1 .             | 1/24/2019          |
| Percent Moisture     | D297   |           |           | - •       | Date: 1/23/2019 | •                  |
| Percent Moisture     | 22.9   | 0.2       | *         | wt%       | 1               | 1/24/2019          |

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Date Reported: February 01, 2019

19 ANALYTICAL RESULTS

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB
Lab ID: 19010565-015

Collection Date: 1/22/2019 9:30:00 AM

Matrix: Soil

Client Sample ID: A-15

| Analyses                                | Result | RL Q       | ualifier | Units   | DF              | Date Analyze |
|---|--------|------------|----------|---------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep    | Date: 1/22/2019 | Analyst: AE  |
| Acetone                                 | 0.084  | 0.083      | mg       | /Kg-dry | 1               | 1/23/2019    |
| Benzene                                 | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Bromodichloromethane                    | ND     | 0.0055     | mg       | /Kg-dry | 1 ,             | 1/23/2019    |
| Bromoform                               | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Bromomethane                            | ND     | 0.011      | mg       | /Kg-dry | 1               | 1/23/2019    |
| 2-Butanone                              | ND     | 0.083      | mg       | /Kg-dry | 1               | 1/23/2019    |
| Carbon disulfide                        | , ND   | 0.055      | mg       | /Kg-dry | 1               | 1/23/2019    |
| Carbon tetrachloride                    | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Chlorobenzene                           | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Chloroethane                            | ND     | 0.011      | mg       | /Kg-dry | 1               | 1/23/2019    |
| Chloroform                              | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Chloromethane                           | ND     | 0.011      | mg       | /Kg-dry | 1               | 1/23/2019    |
| Dibromochloromethane                    | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0055     | mg       | /Kg-dry | 1 .             | 1/23/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0022     | mg       | /Kg-dry | 1               | 1/23/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0022     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Ethylbenzene                            | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 2-Hexanone                              | ND     | 0.022      | mg       | /Kg-dry | 1               | 1/23/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.022      |          | /Kg-dry | 1               | 1/23/2019    |
| Methylene chloride                      | ND     | 0.011      | mg       | /Kg-dry | 1               | 1/23/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Styrene                                 | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0055     |          | /Kg-dry | 1               | 1/23/2019    |
| Tetrachloroethene                       | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Toluene                                 | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0055     |          | /Kg-dry | 1               | 1/23/2019    |
| Trichloroethene                         | ND     | 0.0055     | mg       | /Kg-dry | 1               | 1/23/2019    |
| Vinyl chloride                          | ND     | 0.0055     |          | /Kg-dry | 1               | 1/23/2019    |
| Xylenes, Total                          | ND     | 0.017      | mg       | /Kg-dry | 1 .             | 1/23/2019    |
| semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B)     | Prep    | Date: 1/25/2019 | •            |
| Acenaphthene                            | ND     | 0.043      | mg       | /Kg-dry | 1               | 1/28/2019    |
| Acenaphthylene                          | ND     | 0.043      | mg       | /Kg-dry | 1               | 1/28/2019    |

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Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

**Client:** 

Environmental Group Services, Ltd.

Work Order:

**Project:** 

19010565 Revision 1 Franklin-EB

Lab ID:

19010565-015

Client Sample ID: A-15

Collection Date: 1/22/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | s SW82 | .70C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.44     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.43     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.043    | п         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.1      | m         | ng/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1      | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.22     | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.43     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.22     | п         | ng/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.043    |           | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.043    |           | ng/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.22     | m         | ng/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.43     |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.1      |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.043    |           | ng/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.043    |           | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.22     |           | ng/Kg-dry | 1               | 1/28/2019     |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported:

February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Client Sample ID: A-15

Collection Date: 1/22/2019 9:30:00 AM

Matrix: Soil

19010565-015 Lab ID: Result **RL** Qualifier Units DF **Date Analyzed Analyses** Analyst: DM Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 1/25/2019 1/28/2019 Fluoranthene ND 0.043 mg/Kg-dry ND 0.043 mg/Kg-dry 1/28/2019 Fluorene 1 ND 0.22 1/28/2019 Hexachlorobenzene mg/Kg-dry 1 Hexachlorobutadiene ND 0.22 mg/Kg-dry 1/28/2019 Hexachlorocyclopentadiene ND 0.22 mg/Kg-dry 1 1/28/2019 Hexachloroethane ND 0.22 mg/Kg-dry 1/28/2019 Indeno(1,2,3-cd)pyrene ND 0.043 mg/Kg-dry 1/28/2019 Isophorone ND 0.22 mg/Kg-dry 1 1/28/2019 ND 0.22 mg/Kg-dry 1/28/2019 2-Methylnaphthalene 2-Methylphenol ND 0.22 mg/Kg-dry 1/28/2019 4-Methylphenol ND 0.22 mg/Kg-dry 1/28/2019 Naphthalene ND 0.043 1/28/2019 mg/Kg-dry 2-Nitroaniline ND 0.22 1/28/2019 mg/Kg-dry 3-Nitroaniline ND 0.22 mg/Kg-dry 1/28/2019 ND 0.22 1/28/2019 4-Nitroaniline mg/Kg-dry ND 0.22 1/28/2019 2-Nitrophenol mg/Kg-dry ND 0.43 1/28/2019 4-Nitrophenol mg/Kg-dry ND 0.043 Nitrobenzene mg/Kg-dry 1/28/2019 ND 0.043 1/28/2019 N-Nitrosodi-n-propylamine mg/Kg-dry ND 0.22 mg/Kg-dry 1/28/2019 N-Nitrosodimethylamine ND 0.22 N-Nitrosodiphenylamine mg/Kg-dry 1/28/2019 2, 2'-oxybis(1-Chloropropane) ND 0.22 1/28/2019 mg/Kg-dry Pentachlorophenol ND 0.088 1/28/2019 mg/Kg-dry Phenanthrene ND 0.043 mg/Kg-dry 1/28/2019 Phenol ND 0.22 mg/Kg-dry 1/28/2019 ND 0.043 1/28/2019 Pyrene mg/Kg-dry **Pyridine** ND 1.0 mg/Kg-dry 1/28/2019 1,2,4-Trichlorobenzene ND 0.22 mg/Kg-dry 1/28/2019 2,4,5-Trichlorophenol ND 0.22 1/28/2019 mg/Kg-dry 2,4,6-Trichlorophenol ND 0.22 mg/Kg-dry 1/28/2019 **PCBs** SW8082A (SW3550B) Prep Date: 1/25/2019 Analyst: GVC Aroclor 1016 ND 0.10 mg/Kg-dry 1/25/2019 Aroclor 1221 ND 0.10 mg/Kg-dry 1/25/2019 1 ND 0.10 1/25/2019 Aroclor 1232 mg/Kg-dry 1 Aroclor 1242 ND 0.10 mg/Kg-dry 1/25/2019 Aroclor 1248 ND 0.10 mg/Kg-dry 1/25/2019 ND 0.10 1/25/2019 Aroclor 1254 mg/Kg-dry ND 1/25/2019 Aroclor 1260 0.10 mg/Kg-dry

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Environmental Group Services, Ltd. **Client:** 

19010565 Revision 1

Work Order: Project:

Lab ID:

Franklin-EB 19010565-015

Client Sample ID: A-15

Collection Date: 1/22/2019 9:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/25/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4´-DDE           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| 4,4´-DDT           | ND     | . 0.0021       | mg/Kg-dry | 1               | 1/25/2019     |
| Aldrin             | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-BHC          | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| alpha-Chlordane    | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| beta-BHC           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Chlordane          | ND     | 0.021          | mg/Kg-dry | 1               | 1/25/2019     |
| delta-BHC          | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Dieldrin           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan I       | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan II      | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Endosulfan sulfate | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin             | ' ND   | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin aldehyde    | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Endrin ketone      | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-BHC          | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| gamma-Chlordane    | ND     | 0.0021         | mg/Kg-dry | · 1             | 1/25/2019     |
| Heptachlor         | ND     | 0.0021         | mg/Kg-dry | 1               | 1/25/2019     |
| Heptachlor epoxide | ND     | 0.0021         | mg/Kg-dry | 1               | / 1/25/2019   |
| Methoxychlor       | ND     | 0.0021         | mg/Kg-dry | 1 .             | 1/25/2019     |
| Toxaphene          | ND     | 0.043          | mg/Kg-dry | 1               | 1/25/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Aluminum           | 14000  | 24             | mg/Kg-dry | 10              | 1/28/2019     |
| Antimony           | ND     | 2.4            | mg/Kg-dry | 10              | 1/28/2019     |
| Arsenic            | 4.4    | 1.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Barium             | 51     | 1.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Beryllium          | 0.79   | 0.60           | mg/Kg-dry | 10              | 1/28/2019     |
| Cadmium            | ND     | 0.60           | mg/Kg-dry | 10 ·            | 1/28/2019     |
| Calcium            | 56000  | 72             | mg/Kg-dry | 10              | 1/28/2019     |
| Chromium           | 27     | 1.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Cobalt             | 16     | 1.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Copper             | 21     | 3.0            | mg/Kg-dry | 10              | 1/28/2019     |
| Iron               | 23000  | 36             | mg/Kg-dry | 10              | 1/28/2019     |
| Lead               | 13     | 0.60           | mg/Kg-dry | 10              | 1/28/2019     |
| Magnesium          | 26000  | 36             | mg/Kg-dry | 10              | 1/28/2019     |
| Manganese          | 400    | 1.2            | mg/Kg-dry | 10              | 1/28/2019     |
| Nickel             | 41     | 1.2            | mg/Kg-dry | 10              | 1/28/2019     |

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Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project:

Franklin-EB

Lab ID:

19010565-015

Client Sample ID: A-15

Collection Date: 1/22/2019 9:30:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|----------------------|--------|-----------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS     | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: JG   |
| Potassium            | 3400   | 36        |           | mg/Kg-dry | 10              | 1/28/2019     |
| Selenium             | 1.5    | 1.2       |           | mg/Kg-dry | 10              | 1/28/2019     |
| Silver               | ND     | 1.2       | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Sodium               | 170    | 72        | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Thallium ,           | ND     | 1.2       | ٠         | mg/Kg-dry | 10              | 1/28/2019     |
| Vanadium             | 27     | 1.2       | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| Zinc                 | 55     | 6.0       | 1         | mg/Kg-dry | 10              | 1/28/2019     |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 1/28/2019 | Analyst: JG   |
| Antimony             | ND     | 0.015     | ·         | mg/L      | 5               | 1/28/2019     |
| Arsenic              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Barium               | 0.65   | 0.050     |           | mġ/L      | 5               | 1/28/2019     |
| Beryllium            | ND     | 0.0050    | •         | mg/L      | 5               | 1/28/2019     |
| Cadmium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Chromium             | ND     | 0.010     |           | mg/L      | · 5             | 1/28/2019     |
| Cobalt               | 0.046  | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Copper               | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019     |
| Iron                 | ND     | 0.25      |           | mg/L      | 5               | 1/28/2019     |
| Lead                 | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Manganese            | 2.7    | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Nickel               | 0.090  | 0.020     |           | mg/L      | 5               | 1/28/2019     |
| Selenium             | ND     | 0.010     |           | mg/L      | · 5             | 1/28/2019     |
| Silver               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Thallium             | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019     |
| Vanadium             | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019     |
| Zinc                 | ND     | 0.050     |           | mg/L      | 5               | 1/28/2019     |
| CLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB   |
| Mercury              | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019     |
| lercury              | SW7    | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB   |
| Mercury              | 0.025  | 0.024     | ı         | mg/Kg-dry | 1               | 1/27/2019     |
| yanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/25/2019 | Analyst: MD   |
| Cyanide              | ND     | 0.33      | r         | mg/Kg-dry | 1               | 1/25/2019     |
| oH (25 °C)           | SW9    | 045C      |           | Prep      | Date: 1/24/2019 | Analyst: JT   |
| рН                   | 8.26   |           |           | pH Units  | 1               | 1/24/2019     |
| Percent Moisture     | D297   |           |           | -•        | Date: 1/23/2019 | Analyst: RW   |
| Percent Moisture     | 24.2   | 0.2       | •         | wt%       | 1               | 1/24/2019     |
|                      |        |           |           |           |                 |               |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

= 3

Client:

Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Lab ID: Franklin-EB 19010565-016 Client Sample ID: A-16

Collection Date: 1/22/2019 9:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | <u>Qualifier</u> | Units    | DF .            | Date Analyzed |
|---|--------|------------|------------------|----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |                  | Prep     | Date: 1/22/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.082      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Benzene                                 | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Bromodichloromethane                    | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Bromoform                               | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Bromomethane                            | ND     | 0.011      | m                | g/Kg-dry | 1               | 1/23/2019     |
| 2-Butanone                              | ND     | 0.082      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.054      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Chloroethane                            | ND     | 0.011      | · m              | g/Kg-dry | 1               | 1/23/2019     |
| Chloroform                              | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.011      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0022     | m                | g/Kg-dry | 1               | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0022     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.022      | m                | g/Kg-dry | 1               | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.022      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Methylene chloride                      | ND     | 0.011      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Styrene                                 | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Toluene                                 | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0054     | m                | g/Kg-dry | 1               | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.017      | m                | g/Kg-dry | 1               | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B)             | Prep     | Date: 1/25/2019 | Analyst: DM   |
| Acenaphthene                            | ND     | 0.043      | m                | g/Kg-dry | 1               | 1/28/2019     |
| Acenaphthylene                          | ND '   | 0.043      | m                | g/Kg-dry | 1               | 1/28/2019     |

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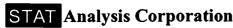
Qualifiers:

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID:

Franklin-EB

19010565-016

Client Sample ID: A-16

Collection Date: 1/22/2019 9:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.43     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.043    | (         | mg/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.043    | •         | mg/Kg-dry | 1 .             | 1/28/2019     |
| Benzidine                               | ND     | 0.43     | 4         | mg/Kg-dry | 1               | 1/28/2019 ,   |
| Benzo(a)pyrene                          | ND     | 0.043    | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.043    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.043    | I         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.043    | Į         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.1      | ı         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.22     | Į         | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.22     | ļ         | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1      | Į         | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.22     | (         | mg/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.22     | Į         | mg/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.22     | ı         | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | ND     | 0.22     | Į         | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.43     | ţ         | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chloronaphthalene                     | , ND   | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.22     | ı         | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22     | Į         | mg/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND .   | 0.043    | ı         | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.043    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.22     | 4         | mg/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.22     | 4         | mg/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ' ND   | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.22     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.22     | 4         | mg/Kg-dry | 1 .             | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.22     | 4         | mg/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.43     | •         | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.1      | (         | mg/Kg-dry | 1 .             | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.043    | (         | mg/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.043    | 4         | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.22     | ĺ         | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.22     | 4         | mg/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

**Client:** 

Environmental Group Services, Ltd.

19010565 Revision 1 Work Order: Franklin-EB

**Project:** Lab ID: 19010565-016 Client Sample ID: A-16

Collection Date: 1/22/2019 9:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qua       | lifier Units | DF              | Date Analyzed |
|---|--------|--------------|--------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550 | B) Prep      | Date: 1/25/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachlorobutadiene                     | ND .   | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.22         | mg/Kg-dry    | · 1             | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND .   | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.43         | mg/Kg-dry    | 1 .             | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22         | mg/Kg-dry    | 1 '             | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.086        | mg/Kg-dry    | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.043        | mg/Kg-dry    | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.99         | mg/Kg-dry    | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.22         | mg/Kg-dry    | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 82A (SW3550  | B) Prep      | Date: 1/25/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10         | mg/Kg-dry    | <b>1</b>        | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/25/2019     |

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**ANALYTICAL RESULTS** 

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Client:

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Work Order:

19010565 Revision 1

Project:

Franklin-EB

Client Sample ID: A-16

Collection Date: 1/22/2019 9:45:00 AM

Matrix: Soil

| Lab ID: 19010565-016 | Matrix: Soil |           |                   |                 |               |  |
|----------------------|--------------|-----------|-------------------|-----------------|---------------|--|
| Analyses             | Result       | RL (      | Qualifier Units   | DF              | Date Analyzed |  |
| Pesticides           | SW8          | 081B (SW3 | <b>550B)</b> Prep | Date: 1/25/2019 | Analyst: GVC  |  |
| 4,4'-DDD             | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| 4,4'-DDE             | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| 4,4'-DDT             | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Aldrin               | , ND         | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| alpha-BHC            | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| alpha-Chlordane      | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| beta-BHC             | ND           | 0.0021    | mg/Kg-dry         | , 1             | 1/25/2019     |  |
| Chlordane            | ND           | 0.021     | mg/Kg-dry         | 1               | 1/25/2019     |  |
| delta-BHC            | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Dieldrin             | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Endosulfan I         | . ND         | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Endosulfan II        | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Endosulfan sulfate   | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Endrin               | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Endrin aldehyde      | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Endrin ketone        | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| gamma-BHC            | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| gamma-Chlordane      | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Heptachlor           | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Heptachlor epoxide   | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Methoxychlor         | ND           | 0.0021    | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Toxaphene            | ND           | 0.043     | mg/Kg-dry         | 1               | 1/25/2019     |  |
| Metals by ICP/MS     | SW6          | 020A (SW3 | <b>050B)</b> Prep | Date: 1/26/2019 | Analyst: JG   |  |
| Aluminum             | 12000        | 23        | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Antimony             | ND           | 2.3       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Arsenic              | 7.0          | 1.1       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Barium               | 31           | 1.1       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Beryllium            | 0.73         | 0.57      | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Cadmium              | ND           | 0.57      | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Calcium              | 71000        | 69        | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Chromium             | 24           | 1.1       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Cobalt               | 9.9          | 1.1       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Copper               | 30           | 2.9       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Iron                 | 26000        | 34        | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Lead                 | 16           | 0.57      | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Magnesium            | 39000        | 34        | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Manganese            | . 450        | 1.1       | mg/Kg-dry         | 10              | 1/28/2019     |  |
| Nickel               | 31           | 1.1       | mg/Kg-dry         | 10              | 1/28/2019     |  |

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**ANALYTICAL RESULTS** 

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Project:

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Lab ID:

19010565-016

Client Sample ID: A-16

Collection Date: 1/22/2019 9:45:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyzed      |
|-----------------------|--------|-----------|-----------|-----------|-----------------|--------------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/26/2019 | Analyst: JG        |
| Potassium             | 2700   | 34        |           | mg/Kg-dry | 10              | 1/28/2019          |
| Selenium              | 1.4    | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Silver                | ND     | 1.1       |           | mg/Kg-dry | 10 '            | 1/28/2019          |
| Sodium                | 180    | 69        |           | mg/Kg-dry | 10              | 1/28/2019          |
| Thallium              | ND     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Vanadium .            | 29     | 1.1       |           | mg/Kg-dry | 10              | 1/28/2019          |
| Zinc                  | 55     | 5.7       |           | mg/Kg-dry | 10              | 1/28/2019          |
| TCLP Metals by ICP/MS | sw1    | 311/6020A | (SW3005   | A) Prep   | Ďate: 1/28/2019 | Analyst: <b>JG</b> |
| Antimony              | ND     | 0.015     | ,         | mg/L      | 5               | 1/28/2019          |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Barium                | 0.20   | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Cobalt                | 0.010  | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Copper                | ND     | 0.10      |           | mg/L      | 5               | 1/28/2019          |
| Iron                  | ND     | 0.25      |           | mg/L      | 5               | 1/28/2019          |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Manganese             | 2.3    | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Nickel                | 0.024  | 0.020     |           | mg/L      | 5               | 1/28/2019          |
| Selenium              | ND     | 0.010     | •         | mg/L      | 5               | 1/28/2019          |
| Silver                | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5               | 1/28/2019          |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5               | 1/28/2019          |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5               | 1/28/2019          |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1               | 1/27/2019          |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 1/27/2019 | Analyst: LB        |
| Mercury               | 0.030  | 0.023     |           | mg/Kg-dry | 1               | 1/27/2019          |
| Cyanide, Total        | SW9    | 012A      | •         | Prep      | Date: 1/25/2019 | Analyst: MD        |
| Cyanide               | 0.59   | 0.32      |           | mg/Kg-dry | 1               | 1/25/2019          |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/24/2019 | •                  |
| рН                    | 8.12   |           |           | pH Units  | 1               | 1/24/2019          |
| Percent Moisture      | D297   | 74        |           | Prep      | Date: 1/23/2019 | -                  |
| Percent Moisture      | 22.9   | 0.2       | •         | wt%       | 1 .             | 1/24/2019          |

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ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

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19010565 Revision 1 Work Order:

Project: Franklin-EB

19010565-017 Lab ID:

Client Sample ID: A-17

Collection Date: 1/22/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep      | Date: 1/22/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.076      | r        | ng/Kg-dry | 1               | 1/23/2019     |
| Benzene                                 | ND     | 0.0051     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Bromodichloromethane                    | ND     | 0.0051     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Bromoform                               | ND     | 0.0051     | m        | ng/Kg-dry | 1               | 1/23/2019     |
| Bromomethane                            | ND     | 0.010      | m        | ng/Kg-dry | 1               | 1/23/2019     |
| 2-Butanone                              | ND     | 0.076      | m        | ng/Kg-dry | 1               | 1/23/2019     |
| Carbon disulfide                        | ND     | 0.051      | m        | ng/Kg-dry | 1               | 1/23/2019     |
| Carbon tetrachloride                    | ND     | 0.0051     | n        | ng/Kg-dry | 1               | 1/23/2019     |
| Chlorobenzene                           | ND     | 0.0051     | m        | ng/Kg-dry | 1               | 1/23/2019     |
| Chloroethane                            | ND     | 0.010      | m        | ng/Kg-dry | 1               | 1/23/2019     |
| Chloroform                              | ND     | 0.0051     | , m      | ig/Kg-dry | 1               | 1/23/2019     |
| Chloromethane                           | ND     | 0.010      | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Dibromochloromethane                    | ND     | 0.0051     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0051     | m        | ig/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0051     | r        | ig/Kg-dry | 1               | 1/23/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0051     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0051     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0051     | m        | ig/Kg-dry | 1               | 1/23/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0051     | · m      | ig/Kg-dry | 1               | 1/23/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0020     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0020     | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Ethylbenzene                            | ND     | 0.0051     | m        | g/Kg-dry  | 1               | 1/23/2019     |
| 2-Hexanone                              | ND     | 0.020      | m        | g/Kg-dry  | 1               | 1/23/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.020      | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Methylene chloride                      | ND     | 0.010      | . m      | g/Kg-dry  | 1               | 1/23/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0051     | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Styrene                                 | ND     | 0.0051     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0051     | · m      | ıg/Kg-dry | 1 '             | 1/23/2019     |
| Tetrachloroethene                       | ND     | 0.0051     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| Toluene                                 | ND     | 0.0051     | m        | g/Kg-dry  | 1               | 1/23/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0051     | m        | ıg/Kg-dry | 1               | 1/23/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0051     | m        | ig/Kg-dry | 1               | 1/23/2019     |
| Trichloroethene                         | ND     | 0.0051     | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Vinyl chloride                          | ND     | 0.0051     | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Xylenes, Total                          | ND     | 0.015      | m        | g/Kg-dry  | 1               | 1/23/2019     |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 |          | •         | Date: 1/25/2019 | Analyst: DM   |
| Acenaphthene                            | ND     | 0.041      |          | g/Kg-dry  | 1               | 1/28/2019     |
| Acenaphthylene                          | ND     | 0.041      | m        | g/Kg-dry  | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

Project: Lab ID:

Franklin-EB 19010565-017

Client Sample ID: A-17

Collection Date: 1/22/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW | 3550B)    | Prep      | Date: 1/25/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.41     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Anthracene                              | ND     | 0.041    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benz(a)anthracene                       | ND     | 0.041    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzidine                               | ND     | 0.41     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(a)pyrene                          | ND     | 0.041    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041    |           | mg/Kg-dry | 1               | . 1/28/2019   |
| Benzo(k)fluoranthene                    | ND     | 0.041    | •         | mg/Kg-dry | 1               | 1/28/2019     |
| Benzoic acid                            | ND     | 1.0      |           | mg/Kg-dry | 1               | 1/28/2019     |
| Benzyl alcohol                          | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethoxy)methane              | ND     | , 0.21   |           | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Carbazole                               | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloroaniline                         | , ND   | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chioronaphthalene                     | ND     | 0.21     | •         | mg/Kg-dry | 1               | 1/28/2019     |
| 2-Chlorophenol                          | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Chrysene                                | ND     | 0.041    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041    |           | mg/Kg-dry | 1               | 1/28/2019     |
| Dibenzofuran                            | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| Diethyl phthalate                       | ND     | 0.21     |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | !         | mg/Kg-dry | 1.              | 1/28/2019     |
| Dimethyl phthalate                      | ND     | 0.21     | I         | mg/Kg-dry | 1               | 1/28/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      |           | mg/Kg-dry | 1               | 1/28/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041    | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041    | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     | 1         | mg/Kg-dry | 1               | 1/28/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     | I         | mg/Kg-dry | 1               | 1/28/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010565 Revision 1

**Project:** 

Franklin-EB

Lab ID:

19010565-017

Client Sample ID: A-17

Collection Date: 1/22/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q        | ualifier Units     | DF              | Date Analyzed |
|---|--------|-------------|--------------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW355 | 50B) Pre           | Date: 1/25/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| Fluorene                                | ND     | 0.041       | mg/Kg-dry          |                 | 1/28/2019     |
| Hexachlorobenzene                       | ND     | 0.21        | mg/Kg-dry          | 1 '             | 1/28/2019     |
| Hexachlorobutadiene                     | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| Hexachloroethane                        | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| Isophorone                              | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 2-Methylphenol                          | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 4-Methylphenol                          | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| Naphthalene                             | ND     | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| 2-Nitroaniline                          | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 3-Nitroaniline                          | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 4-Nitroaniline                          | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 2-Nitrophenol                           | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 4-Nitrophenol                           | ND     | 0.41        | mg/Kg-dry          | 1               | 1/28/2019     |
| Nitrobenzene                            | ND     | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| N-Nitrosodi-n-propylamine               | , ND   | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| Pentachlorophenol                       | ND     | 0.083       | mg/Kg-dry          | 1               | 1/28/2019     |
| Phenanthrene                            | ND     | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| Phenol                                  | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| Pyrene                                  | ND     | 0.041       | mg/Kg-dry          | 1               | 1/28/2019     |
| Pyridine                                | ND     | 0.95        | mg/Kg-dry          | 1               | 1/28/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21        | mg/Kg-dry          | 1               | 1/28/2019     |
| PCBs                                    | SW80   | 082A (SW355 | i <b>0B</b> ) Prej | Date: 1/25/2019 | •             |
| Aroclor 1016                            | ND     | 0.098       | mg/Kg-dry          | 1               | 1/25/2019     |
| Aroclor 1221                            | ND     | 0.098       | mg/Kg-dry          | 1               | 1/25/2019     |
| Aroclor 1232                            | ND     | . 0.098     | mg/Kg-dry          | 1               | 1/25/2019     |
| Aroclor 1242                            | ND     | 0.098       | mg/Kg-dry          | 1               | 1/25/2019     |
| Aroclor 1248                            | ND     | 0.098       | mg/Kg-dry          | 1               | 1/25/2019     |
| Aroclor 1254                            | ND     | 0.098       | mg/Kg-dry          | 1               | 1/25/2019     |
| Aroclor 1260                            | ND     | 0.098       | mg/Kg-dry          | 1               | 1/25/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-017

Client Sample ID: A-17

Collection Date: 1/22/2019 10:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qua        | lifier Units | DF                     | Date Analyzed      |
|--------------------|--------|---------------|--------------|------------------------|--------------------|
| Pesticides         | SW8    | 081B (SW3550) | B) Prep      | Date: 1/25/2019        | Analyst: GVC       |
| 4,4'-DDD           | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| 4,4'-DDE           | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| 4,4'-DDT           | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Aldrin             | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| alpha-BHC          | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| alpha-Chlordane    | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| beta-BHC           | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Chlordane          | ND     | 0.020         | mg/Kg-dry    | 1                      | 1/25/2019          |
| delta-BHC          | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Dieldrin           | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Endosulfan I       | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Endosulfan II      | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Endosulfan sulfate | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Endrin             | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Endrin aldehyde    | · ND   | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Endrin ketone      | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| gamma-BHC          | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| gamma-Chlordane    | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Heptachlor         | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Heptachlor epoxide | ND     | 0.0020        | mg/Kg-dry    | 1 .                    | 1/25/2019          |
| Methoxychlor       | ND     | 0.0020        | mg/Kg-dry    | 1                      | 1/25/2019          |
| Toxaphene          | ND     | 0.040         | mg/Kg-dry    | 1                      | 1/25/2019          |
| Metals by ICP/MS   | SW6    | 020A (SW3050I | B) Prep      | Date: <b>1/26/2019</b> | Analyst: <b>JG</b> |
| Aluminum           | 13000  | 21            | mg/Kg-dry    | 10                     | 1/28/2019          |
| Antimony           | ND     | 2.1           | mg/Kg-dry    | 10                     | 1/28/2019          |
| Arsenic            | 5.0    | 1.1           | mg/Kg-dry    | 10                     | 1/28/2019          |
| Barium             | 60     | 1.1           | mg/Kg-dry    | .10                    | 1/28/2019          |
| Beryllium          | 0.82   | 0.53          | mg/Kg-dry    | 10                     | 1/28/2019          |
| Cadmium            | ND     | 0.53          | mg/Kg-dry    | 10                     | 1/28/2019          |
| Calcium            | 65000  | 63            | mg/Kg-dry    | 10                     | 1/28/2019          |
| Chromium           | 26     | 1.1           | mg/Kg-dry    | 10                     | 1/28/2019          |
| Cobalt             | 12     | 1.1           | mg/Kg-dry    | 10 ·                   | 1/28/2019          |
| Copper             | 30     | 2.6           | mg/Kg-dry    | 10                     | 1/28/2019          |
| Iron               | 27000  | 32            | mg/Kg-dry    | 10                     | 1/28/2019          |
| Lead               | 14     | 0.53          | mg/Kg-dry    | 10                     | 1/28/2019          |
| Magnesium          | 34000  | 32            | mg/Kg-dry    | 10                     | 1/28/2019          |
| Manganese          | 470    | 1.1           | mg/Kg-dry    | 10                     | 1/28/2019          |
| Nickel             | 36     | 1.1           | mg/Kg-dry    | 10                     | 1/28/2019          |

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ANALYTICAL RESULTS

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010565 Revision 1

Project: Franklin-EB

**Lab ID:** 19010565-017

Client Sample ID: A-17
Collection Date: 1/22/2019 10:00:00 AM

Matrix: Soil

| Analyses             | Result                                  | RL (      | Qualifier Units         | DF              | Date Analyze |
|----------------------|---|-----------|-------------------------|-----------------|--------------|
| Metals by ICP/MS     | SW6                                     | 020A (SW3 | <b>050B)</b> Prep       | Date: 1/26/2019 | Analyst: JG  |
| Potassium            | 3100                                    | 32        | mg/Kg-dry               | 10              | 1/28/2019    |
| Selenium             | 1.4                                     | 1.1       | mg/Kg-dry               | 10              | 1/28/2019    |
| Silver               | ND                                      | 1.1       | mg/Kg-dry               | 10              | 1/28/2019    |
| Sodium               | 180                                     | 63        | mg/Kg-dry               | 10              | 1/28/2019    |
| Thallium             | ND                                      | 1.1       | mg/Kg-dry               | 10              | 1/28/2019    |
| Vanadium             | 28                                      | 1.1       | mg/Kg-dry               | 10              | 1/28/2019    |
| Zinc                 | 58                                      | 5.3       | mg/Kg-dry               | 10              | 1/28/2019    |
| CLP Metals by ICP/MS | SW1                                     | 311/6020A | ( <b>SW3005A</b> ) Prep | Date: 1/28/2019 | Analyst: JG  |
| Antimony             | ND                                      | 0.015     | mg/L                    | 5               | 1/28/2019    |
| Arsenic              | ND                                      | 0.010     | mg/L                    | 5               | 1/28/2019    |
| Barium               | 0.90                                    | 0.050     | mg/L                    | 5               | 1/28/2019    |
| Beryllium            | ND                                      | 0.0050    | mg/L                    | 5               | 1/28/2019    |
| Cadmium              | ND                                      | 0.0050    | mg/L                    | 5               | 1/28/2019    |
| Chromium             | ND                                      | 0.010     | mg/L                    | <sub>.</sub> 5  | 1/28/2019    |
| Cobalt               | 0.015                                   | 0.010     | mg/L                    | 5               | 1/28/2019    |
| Copper               | ND                                      | 0.10      | mg/L                    | 5               | 1/28/2019    |
| Iron                 | ND                                      | 0.25      | mg/L                    | ` 5             | 1/28/2019    |
| Lead                 | ND                                      | 0.0050    | mg/L                    | 5               | 1/28/2019    |
| Manganese            | 3.3                                     | 0.010     | mg/L                    | 5               | 1/28/2019    |
| Nickel               | 0.032                                   | 0.020     | mg/L                    | 5               | 1/28/2019    |
| Selenium             | ND                                      | 0.010     | mg/L                    | 5               | 1/28/2019    |
| Silver               | ND                                      | 0.010     | mg/L                    | 5 ·             | 1/28/2019    |
| Thallium             | ND                                      | 0.0050    | mg/L                    | 5               | 1/28/2019    |
| Vanadium             | ND                                      | 0.010     | mg/L                    | 5               | 1/28/2019    |
| Zinc                 | ND                                      | 0.050     | mg/L                    | 5               | 1/28/2019    |
| CLP Mercury          | SW1                                     | 311/7470A | Prep                    | Date: 1/27/2019 | Analyst: LB  |
| Mercury              | ND                                      | 0.00020   | mg/L                    | 1               | 1/27/2019    |
| ercury               | SW7                                     | 471B      | Prep                    | Date: 1/27/2019 | Analyst: LB  |
| Mercury              | 0.022                                   | 0.021     | mg/Kg-dry               | 1               | 1/28/2019    |
| yanide, Total        | SW9                                     | 012A      | Prep                    | Date: 1/25/2019 | Analyst: MD  |
| Cyanide              | 1.1                                     | 0.31      | mg/Kg-dry               | 1               | 1/25/2019    |
| H (25 °C)            | • | 045C      |                         | Date: 1/24/2019 | Analyst: JT  |
| рН                   | 8.13                                    |           | pH Units                | 1               | 1/24/2019    |
| ercent Moisture      | D297                                    | •         | •                       | Date: 1/23/2019 | Analyst: RW  |
| Percent Moisture '   | 19.3                                    | 0.2       | * wt%                   | 1               | 1/24/2019    |

| Qualifiers: |  |
|-------------|--|

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| Company: EGSL  |  |             |               |       | CH/                 | 711                | OF CU         | ST                    | ODY  | RE       | COR         | D                 | _                               | ]            | Nº       | •               |                    |                         |   | <b>D</b> .  |               |                  |
|--|--|-------------|---------------|-------|---------------------|--------------------|---------------|-----------------------|--|----------|-------------|-------------------|---------------------------------|--------------|----------|-----------------|--------------------|-------------------------|---|-------------|---------------|------------------|
| Project Number:  |  |             |               |       |                     |                    |               | P.                    | O. No  | .:       |             | T                 |                                 |              |          | <del>-</del>    |                    |                         |   | Page:       |               | of               |
| Project Name: FRANKLIN - FB                            |  |             | Client        | Trac  | king N              | lo.:               |               | ]_                    |  |          |             |                   |                                 |              |          | 7               | _                  | _                       | 777   | <del></del> | <del></del>   |                  |
| Project Location:                                      |  |             |               |       |                     |                    |               | Qı                    | uote N   | o.:      |             | 7                 |                                 | 1            | //       | //              | //                 | /                       | ///   | //,         | //.           |                  |
| Sampler(s):  |  |             |               |       |                     |                    |               | 1                     | - 3  |          |             | ı                 | ,                               | <b>⟨</b> ⟨\} | //       | //              | //                 | //                      | ///   | //.         | //.           |                  |
| Report To: Bill EGAL -COM                              |  |             |               |       |                     |                    |               | Т                     |  |          | Tel.        |                   | />                              | Χ,           | //       | //              | //                 | //                      |   | //          | //            | /                |
|  |  | _Phone:     |               |       |                     |                    |               | 1                     |  |          |             | A!                | <b>35</b> /                     | /,           | /,       | //              | //                 | //                      | ///   | //          | //            |                  |
| QC Level: 1 2 3  |  | Fax:        |               |       |                     |                    |               | 1                     |  |          | LV          | 9/                |                                 | /            | /,       | /,              | //                 | //                      | ///   |             |               | Around:          |
| QC Level: 1 2 3  | 4  | e-mail:     |               |       |                     |                    |               | 1                     |  | 1        |             |                   | /                               |              | /        | /,              | /,                 | //                      | ///   | ///         | 4-1           | Around:          |
| Client Sample Number/Description:                      | Date Taken                                       | Time        | gix           | ڼ     | ٩                   | ž                  | No. of        | 1                     | /c   | /_ \     | "/          | /                 | /                               | /            | /        | /,              | //                 | //                      | ///   | /+          |               | Needed.          |
| A-1  |  | Taken       | Matrix        | Сошр. | है                  | Preserv            | Containers    | 1,                    | /\S  | "/       | //          | /                 | /                               | /            | /        | /,              | /,                 | //                      | ///   | <i>'</i> ,  |               |                  |
| A-2  | 1/22   | 0606        | 5             |       | 7                   | 7                  | 4             | K                     | $\leftarrow$                                     | 4        |             |                   | 4                               |              | _        | _               |                    | //                      | //-   | Remarks     | 7             | am/pm            |
| A-3  | +  | 0615        |               | 1-1   | 4                   | +                  |               | 弋                     | 1  | -        | +           | 4                 | 4                               | _            |          |                 |                    |                         |   | - cemanks   |               |                  |
| A-4  | +  | 0630        | $\Box$        |       | 71                  | 十                  |               | H                     | +-1  | $\dashv$ | +           | +                 | 4                               | +-           | _        |                 |                    |                         |   |             |               |                  |
| A-5  | <del></del>                                      | 0645        |               |       | 71                  | ナ                  | $\neg \vdash$ | †-{                   | +  | -+       | <del></del> | +                 | +-                              | ┼            | <b> </b> |                 |                    | $oxed{oxed}$            |   |             | -             |                  |
| 1-6  | <del></del>                                      | 0700        | $\mathcal{I}$ |       | 71                  | 十                  | _             | †+                    | ╂╼┥  | ┰        |             | +                 | +-                              | +            |          |                 |                    | J                       |   |             |               |                  |
| A-7  | +  | כות         |               |       | $\top$              | $	extstyle 	ag{7}$ |               | ╆╅                    | ╅╼┫  | +        |             | +                 | +-                              | ┿            | -        |                 | $\bot$             | $oxed{T}$               |   |             |               |                  |
| A-8  | +  | 0730        |               | П     | 11                  | $\top$             | _             | ††                    | ╅╌┤  | -+       |             | +                 | -                               | _            |          |                 |                    | $\Box$                  |   |             |               |                  |
| A-9  | <del>  </del>                                    | 0745        |               |       | 11                  | 十                  |               | ††                    | ╁╌┧  | -+       | -           | -                 |                                 |              |          |                 |                    | T                       |   |             |               | - <u>* * 'c'</u> |
| A-10   | <del>                                     </del> | 0800        |               |       | 1                   | 十                  |               | ╁┼                    | ╁╌┤  | $\dashv$ |             | 4                 |                                 | ╀-           |          |                 |                    | $\top$                  |   |             | <b>一</b> 樂    |                  |
| A-11   | +  | 0815        |               |       | ++-                 | +                  |               | ╁┼                    | ╀╌┤  | -        |             | 4                 |                                 | 1_           |          |                 |                    | T                       | <b>-</b>  |             | L SAPER       | 三 三 道            |
| A-12   | +  | 0830        |               |       | 11                  | 十                  |               | ${}^{\dagger\dagger}$ | ╂╾╂  | +        |             | +                 | -                               | <del> </del> |          |                 |                    | T                       |   |             | W TO S        |                  |
| A-B  | <del>  </del>                                    | 0845        |               |       | 1                   | 十                  |               | †+                    | ╂╼╌╂   | +        |             | 4                 | -                               | ╀—           | Ш        |                 |                    | T                       | 1   |             |               |                  |
| A-14   | <del></del>                                      | 6900        | $\Box \Box$   |       | 71                  | +                  |               | #                     | ╂╼╌┼   | -+       | +-          | 4                 | 4_                              | ↓_           |          |                 | $\Box$             | T                       |   |             | U &           |                  |
| A-15   | +  | 0915        |               |       | 1                   | 十                  | +             | ╁╁                    | ╂╾╂  | -+       |             | ╇                 | ┵                               | 1_           |          |                 |                    |                         |   |             |               |                  |
| A-16   | <del>   </del>                                   | 0930        |               |       | 1                   | +                  | +             | ++                    | ╀╼╂  | +        |             | +                 | +-                              | <del> </del> |          |                 |                    |                         |   |             |               |                  |
| A-17   | +  | 0445        |               |       | T                   | $\top$             | 1             | ╁                     | ╀╾┼  | +        |             | ╀                 | +                               | -            |          |                 | $oldsymbol{\perp}$ | $\prod$                 |   |             | -             |                  |
|  | Y  | 1000        | V             |       | V                   | $\top$             | $\overline{}$ | 1                     | ╆╅   | +        |             | +-                | -                               | 1            |          |                 | $oxed{oxed}$       | $\mathbb{T}$            |   |             |               |                  |
|  | <del> </del>                                     |             |               |       | $\Box$              | T                  |               |                       | $\vdash$   | $\dashv$ | +-          | ┿                 | +-                              | -            |          | _               |                    | $oxed{\Box}$            |   |             |               |                  |
|  | <del> </del>                                     |             |               |       | $\Box T$            | T                  |               |                       |  | ╌┼       |             | +-                | +-                              | -            |          |                 |                    |                         |   |             |               |                  |
| elinquished by: (Signature) //                         |  |             |               |       |                     | J                  | ,             |                       | <del>                                     </del> | $\dashv$ | +-          | +-                | +                               | $\vdash$     |          |                 | $\perp$            |                         |   |             |               |                  |
| eccived by: (Signature)                                | <del>,</del>                                     | <del></del> | Date/T        | ime:  | 1/2                 | a/i                | 9 1630        |                       | <u>-</u>   |          |             |                   |                                 |              |          |                 | $\perp$            | $oldsymbol{\mathbb{I}}$ |   |             |               | ارج پید          |
| elinquished by: (Signature)                            |  | b           | Date/T        | ime:/ | /22/                | 19                 | 1635          | -                     | ments:   |          |             | $\wedge$          | 1.                              | /            | TA       | 7               |                    |                         | in the same   | 1. 1. 1. 1. |               | ~ - IX.          |
| eccived by: (Signature)                                |  | <u> </u>    | Date/T        |       |                     |                    | 1705          | L                     |  | L        | 1 -         | $\mathcal{V}_{l}$ | $\langle \gamma(\cdot) \rangle$ | (            | 1/1      | • /             |                    | 1                       |   |             | 745           |                  |
|  | -in 11   |             | Date/T        |       |                     |                    | 9 17          | ١, .                  |  |          | /-          | •                 | 1.                              | 74           | (A 1)    | K               | XO!                | ノ・                      |   |             |               |                  |
| elinquished by: (Signature)<br>eccived by: (Signature) |  |             | Date/T        | ime:  | <del>    9</del> -4 | <b>₽</b> ₩         | A 11          |                       |  |          |             |                   |                                 |              |          |                 |                    |                         | ( <del>1</del> -14 - 17 - 11<br>(1) - 12 - 12 - 13 - 13 - 13 - 13 - 13 - 13 | 111 g       |               | Ale Car          |
| oy. (Oikiistins)                                       |  |             | Date/T        |       |                     |                    |               | res                   | ervatio  | n Cod    | e: A =      | - Non             | e B                             | = HN         | in (     | C = Na<br>G = 0 | ~··                |                         |   |             | of the second |                  |

#### Sample Receipt Checklist

| Client Name EGSL            |                            |                   |               | Date and Tin  | ne Received:  | 1/22/2019 5:05:00 PM |
|-----------------------------|----------------------------|-------------------|---------------|---------------|---------------|----------------------|
| Work Order Number 1         | 9010565                    |                   |               | Received by   | : EAA         |                      |
| Checklist completed by:     | Signature                  | ) Date            | 22/19         | _ Reviewed by | Initials      | 1/23/19<br>Date      |
| Matrix:                     | ·                          | Carrier name      | STAT Analysis |               |               | (                    |
| Shipping container/cooler   | in good condition?         |                   | Yes 🗹         | No 🗌          | Not Present   | •                    |
| Custody seals intact on si  | hippping container/cooler  | ?                 | Yes 🔲         | No 🗀          | Not Present   |                      |
| Custody seals intact on sa  | ample bottles?             |                   | Yes 🗌         | No 🗆 .        | Not Present 🗹 |                      |
| Chain of custody present?   | ?                          |                   | Yes 🗹         | · No 🗆        |               |                      |
| Chain of custody signed v   | when relinquished and rec  | æived?            | Yes 🗹         | No 🗆          |               | • .                  |
| Chain of custody agrees v   | with sample labels/contain | ners?             | Yes 🗹         | No 🗌          |               |                      |
| Samples in proper contain   | ner/bottle?                |                   | Yes 🗹         | No 🗆          |               |                      |
| Sample containers intact?   | · · ·                      | •                 | Yes 🗹         | No 🗆          |               |                      |
| Sufficient sample volume    | for indicated test?        |                   | Yes 🗹         | No 🗆          |               |                      |
| All samples received within | in holding time?           |                   | Yes 🗹         | No 🗆          |               |                      |
| Container or Temp Blank     | temperature in complianc   | æ?                | Yes 🗹         | No 🗆          | Temperature   | 3.4 °C               |
| Water - VOA vials have ze   | ero headspace?             | No VOA vials subn | nitted 🔀      | Yes 🖾         | No 🔯          |                      |
| Water - Samples pH chec     | ked?                       | •                 | Yes 🔯         | No 🐯          | Checked by:   |                      |
| Water - Samples properly    | preserved?                 | •                 | Yes 🖾         | No 😰          | pH Adjusted?  |                      |
| Any No response must be     | detailed in the comments   | s section below.  |               | =====         |               |                      |
| Comments:                   |                            |                   |               |               |               |                      |
|                             |                            |                   |               |               |               |                      |
|                             |                            |                   | ,             |               |               |                      |
|                             |                            | ,                 |               |               |               |                      |
| Client / Personcontacted:   | Da                         | te contacted:     |               | Conta         | acted by:     |                      |
| Response:                   |                            |                   |               |               |               |                      |
|                             |                            | •                 |               |               |               |                      |
|                             |                            |                   |               |               |               |                      |

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 01, 2019

Environmental Group Services, Ltd. 557 W. Polk Chicago, IL 60610

Telephone: (312) 447-1200

(312) 447-0922 Fax:

Analytical Report for STAT Work Order: 19010622 Revision 1

RE: Franklin - EB

Dear Bill Lennon:

STAT Analysis received 17 samples for the referenced project on 1/24/2019 9:38:00 AM. The analytical results are presented in the following report.

This report is revised to reflect changes made after the last report revision.

All analyses were performed in accordance with the requirements of 35 IAC part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

**Project Manager** 

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: February 01, 2019

Client:

Environmental Group Services, Ltd.

Project:

Franklin - EB

Work Order: 19010622 Revision 1

#### **Work Order Sample Summary**

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date       | Date Received |
|---------------|------------------|------------|-----------------------|---------------|
| 19010622-001A | A-18             |            | 1/23/2019 6:00:00 AM  | 1/24/2019     |
| 19010622-001B | A-18             |            | 1/23/2019 6:00:00 AM  | 1/24/2019     |
| 19010622-002A | A-19 `           |            | 1/23/2019 6:15:00 AM  | 1/24/2019     |
| 19010622-002B | A-19             |            | 1/23/2019 6:15:00 AM  | 1/24/2019     |
| 19010622-003A | A-20             |            | 1/23/2019 6:30:00 AM  | 1/24/2019     |
| 19010622-003B | A-20             |            | 1/23/2019 6:30:00 AM  | 1/24/2019     |
| 19010622-004A | A-21             |            | 1/23/2019 6:45:00 AM  | 1/24/2019     |
| 19010622-004B | A-21             |            | 1/23/2019 6:45:00 AM  | 1/24/2019     |
| 19010622-005A | A-22             |            | 1/23/2019 7:00:00 AM  | 1/24/2019     |
| 19010622-005B | A-22             |            | 1/23/2019 7:00:00 AM  | 1/24/2019     |
| 19010622-006A | A-23             |            | 1/23/2019 7:15:00 AM  | 1/24/2019     |
| 19010622-006B | A-23             |            | 1/23/2019 7:15:00 AM  | 1/24/2019     |
| 19010622-007A | A-24             |            | 1/23/2019 7:30:00 AM  | 1/24/2019     |
| 19010622-007B | A-24             |            | 1/23/2019 7:30:00 AM  | 1/24/2019     |
| 19010622-008A | A-25             |            | 1/23/2019 7:45:00 AM  | 1/24/2019     |
| 19010622-008B | A-25             |            | 1/23/2019 7:45:00 AM  | 1/24/2019     |
| 19010622-009A | A-26             |            | 1/23/2019 8:00:00 AM  | 1/24/2019     |
| 19010622-009B | A-26             |            | 1/23/2019 8:00:00 AM  | 1/24/2019     |
| 19010622-010A | A-27             |            | 1/23/2019 8:15:00 AM  | 1/24/2019     |
| 19010622-010B | A-27             |            | 1/23/2019 8:15:00 AM  | 1/24/2019     |
| 19010622-011A | A-28             |            | 1/23/2019 8:30:00 AM  | 1/24/2019     |
| 19010622-011B | A-28             |            | 1/23/2019 8:30:00 AM  | 1/24/2019     |
| 19010622-012A | A-29             |            | 1/23/2019 8:45:00 AM  | 1/24/2019     |
| 19010622-012B | A-29             |            | 1/23/2019 8:45:00 AM  | 1/24/2019     |
| 19010622-013A | A-30             |            | 1/23/2019 9:00:00 AM  | 1/24/2019     |
| 19010622-013B | A-30             |            | 1/23/2019 9:00:00 AM  | 1/24/2019     |
| 19010622-014A | A-31             |            | 1/23/2019 9:15:00 AM  | 1/24/2019     |
| 19010622-014B | A-31             |            | 1/23/2019 9:15:00 AM  | 1/24/2019     |
| 19010622-015A | A-32             |            | 1/23/2019 9:30:00 AM  | 1/24/2019     |
| 19010622-015B | A-32             |            | 1/23/2019 9:30:00 AM  | 1/24/2019     |
| 19010622-016A | A-33             |            | 1/23/2019 9:45:00 AM  | 1/24/2019     |
| 19010622-016B | A-33             |            | 1/23/2019 9:45:00 AM  | 1/24/2019     |
| 19010622-017A | A-34             |            | 1/23/2019 10:00:00 AM | 1/24/2019     |
| 19010622-017B | A-34             | •          | 1/23/2019 10:00:00 AM | 1/24/2019     |

Date: February 01, 2019

**CLIENT:** 

Environmental Group Services, Ltd.

Project:

Franklin - EB

Work Order:

19010622 Revision 1

**CASE NARRATIVE** 

At the customer's request, samples A-30 (19010622-013) and A-33 (19010622-016) were re-digested and analyzed for Arsenic. Results of the re-digestion and analysis are contained in this report revision.

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID: Franklin - EB 19010622-001 Client Sample ID: A-18

Collection Date: 1/23/2019 6:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q        | ualifier Units  | DF                 | Date Analyze |
|---|--------|-------------|-----------------|--------------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B   | Pro             | ep Date: 1/24/2019 | Analyst: MJI |
| Acetone                                 | ND     | 0.070       | mg/Kg-dı        | y 1                | 1/25/2019    |
| Benzene                                 | ND     | 0.0046      | mg/Kg-dı        | y 1                | 1/25/2019    |
| Bromodichloromethane                    | ND     | 0.0046      | mg/Kg-di        | y 1                | 1/25/2019    |
| Bromoform                               | ND     | 0.0046      | mg/Kg-dı        | y 1                | 1/25/2019    |
| Bromomethane                            | ND     | 0.0093      | mg/Kg-dı        | y 1                | 1/25/2019 .  |
| 2-Butanone                              | ND     | 0.070       | `mg/Kg-dı       | y 1                | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.046       | mg/Kg-dı        | y 1                | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0046      | mg/Kg-di        | y 1                | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0046      | mg/Kg-dı        | y 1                | 1/25/2019    |
| Chloroethane                            | ND     | 0.0093      | mg/Kg-dı        | y 1                | 1/25/2019    |
| Chloroform                              | ND     | 0.0046      | mg/Kg-dı        | y 1                | 1/25/2019    |
| Chloromethane                           | ND     | 0.0093      | mg/Kg-dı        | y 1'               | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0046      | mg/Kg-dı        | y 1                | 1/25/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0046      | mg/Kg-di        | y 1                | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0046      | mg/Kg-di        | y 1                | 1/25/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0019      | mg/Kg-dr        | y 1                | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0019      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.019       | mg/Kg-dr        | y 1                | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.019       | mg/Kg-dr        | y 1                | 1/25/2019    |
| Methylene chloride                      | ND     | 0.0093      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Styrene                                 | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Tetrachloroethene                       | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Toluene                                 | ND     | 0.0046      | mg/Kg-dr        | y 1.               | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0046      | mg/Kg-dr        | y 1                | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.014       | mg/Kg-dr        | y 1                | 1/25/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW355 | <b>50B)</b> Pre | ep Date: 1/28/2019 | Analyst: FP  |
| Acenaphthene                            | ND     | 0.039       | mg/Kg-dr        | y 1                | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.039       | mg/Kg-dr        | y 1                | 1/29/2019    |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

**Lab ID:** 19010622-001

ANALI HEAL RESULTS

Client Sample ID: A-18

Collection Date: 1/23/2019 6:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units    | DF              | Date Analyzed |
|---|--------|----------|-----------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW | 3550B)    | Prep     | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.40     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.039    | . m       | g/Kg-dry | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.039    | m;        | g/Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.39     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.039    | m;        | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 0.99     | m;        | g/Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.20     | m;        | g/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.99     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.39     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.39     | m         | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 0.99     | · mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.039    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.20     |           | g/Kg-dry | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.20     | m         | g/Kg-dry | 1               | 1/29/2019     |

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Qualifiers:

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E - Value above quantitation range

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-001

Client Sample ID: A-18

Collection Date: 1/23/2019 6:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier      | Units    | DF              | Date Analyzed |
|---|--------|-----------|----------------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3 | 550B)          | Prep     | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.039     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.039     | · m            | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.039     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | 0.29   | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenoi                          | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | 0.41   | 0.039     | m <sub>2</sub> | g/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.39      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.039     | m              | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.039     | m:             | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.20      | m:             | g/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20      | m:             | g/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.080     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.039     | 1 <b>m</b>     | g/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.039     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.80      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.20      | m              | g/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW3 | 550B)          | Prep     | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.097     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.097     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.097     |                | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.097     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.097     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.097     | m              | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.097     | m              | g/Kg-dry | 1               | 1/29/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Date Frinted: February 01, 20

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

**Project:** Franklin - EB **Lab ID:** 19010622-001

Client Sample ID: A-18

Collection Date: 1/23/2019 6:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0019         | mg/Kg-dry | 1 `             | 1/29/2019     |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 13000  | 20             | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | ND     | 2.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 4.7    | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Barium             | 30     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium          | 0.70   | 0.51           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.51           | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 77000  | 61             | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 24     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 11     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 30     | 2.5            | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 24000  | 30             | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 14     | 0.51           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 38000  | 30             | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | 480    | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 33     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

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Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-001

ANALYTICAL RESULTS

Client Sample ID: A-18

Collection Date: 1/23/2019 6:00:00 AM

Matrix: Soil

| Analyses              | Result  | RL        | Qualifier U | nits I   | <b>DF</b>            | Date Analyzed |
|-----------------------|---------|-----------|-------------|----------|----------------------|---------------|
| Metals by ICP/MS      | SW6     | 020A (SW: | 3050B)      | Prep Da  | te: 1/25/2019        | Analyst: MDT  |
| Potassium             | 2900    | 30        |             | •        | 0                    | 1/26/2019     |
| Selenium              | ND      | 1.0       |             |          | 0                    | 1/26/2019     |
| Silver                | ND      | 1.0       | mg/         | Kg-dry 1 | 0                    | 1/26/2019     |
| Sodium                | 180     | 61        | mg/         | Kg-dry 1 | 0                    | 1/26/2019     |
| Thallium              | ND      | 1.0       | mg/         | Kg-dry 1 | 0                    | 1/26/2019     |
| Vanadium              | . 29    | 1.0       | mg/         | Kg-dry 1 | 0                    | 1/26/2019     |
| Zinc                  | 56      | 5.1       | mg/         | Kg-dry 1 | 0                    | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1     | 311/6020A | (SW3005A)   | Prep Da  | te: <b>1/29/2019</b> | Analyst: JG   |
| Antimony              | ND      | 0.015     | m           | ng/L 5   | 5                    | 1/29/2019     |
| Arsenic               | ND      | 0.010     | n           | ng/L 5   | <b>;</b>             | 1/29/2019     |
| Barium                | 0.054   | 0.050     | n           | ng/L 5   | ;                    | 1/29/2019     |
| Beryllium ,           | ND      | 0.0050    | m           | ng/L 5   | ;                    | 1/29/2019     |
| Cadmium               | ND      | 0.0050    | m           | ng/L 5   | ;                    | 1/29/2019     |
| Chromium              | ND      | 0.010     | n           | ng/L 5   | ;                    | 1/29/2019     |
| Cobalt                | 0.025   | 0.010     | m           | ng/L 5   | <b>;</b>             | 1/29/2019     |
| Copper                | ND      | 0.10      | m           | ng/L 5   | , ·                  | 1/29/2019     |
| Iron                  | 1.2     | 0.25      | m           | ng/L 5   | ;                    | 1/29/2019     |
| Lead                  | 0.014   | 0.0050    | rr          | ng/L 5   | ;                    | 1/29/2019     |
| Manganese             | 5.0     | 0.010     | rr          | ng/L 5   | <b>;</b>             | 1/29/2019     |
| Nickel                | 0.040   | 0.020     | rr          | ng/L 5   | ;                    | 1/29/2019     |
| Selenium              | ND      | 0.010     | m           | ng/L 5   | <b>;</b>             | 1/29/2019     |
| Silver                | ND      | 0.010     | m           | ng/L 5   | <b>;</b>             | 1/29/2019     |
| Thallium              | ND      | 0.0050    | m           | ng/L 5   | ;                    | 1/29/2019     |
| Vanadium              | ND      | 0.010     | m           | ng/L 5   | i                    | 1/29/2019     |
| Zinc                  | ND      | 0.050     | m           | ng/L 5   | j                    | 1/29/2019     |
| TCLP Mercury          | SW1     | 311/7470A |             | Prep Dat | te: <b>1/29/2019</b> | Analyst: LB   |
| Mercury               | 0.00025 | 0.00020   | m           | ng/L 1   |                      | 1/29/2019     |
| Mercury               | SW7     | 471B      |             | Prep Dat | te: <b>1/29/2019</b> | Analyst: LB   |
| Mercury               | ND      | 0.021     | mg/         | Kg-dry 1 |                      | 1/29/2019     |
| Cyanide, Total        | SW9     | 012A      |             |          | te: 1/27/2019        | Analyst: MD   |
| Cyanide               | ND      | 0.30      | mg/         | Kg-dry 1 |                      | 1/27/2019     |
| pH (25 °C)            | SW9     | 045C      | ,           | Prep Dat | te: <b>1/25/2019</b> | Analyst: JT   |
| pH                    | 7.83    |           | рН          | Units 1  |                      | 1/25/2019     |
| Percent Moisture      | D297    | 4         |             | Prep Da  | te: <b>1/24/2019</b> | Analyst: RW   |
| Percent Moisture      | 17.9    | 0.2       | * v         | vt% 1    |                      | 1/25/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-002

**Client:** 

**ANALYTICAL RESULTS** 

Client Sample ID: A-19

Collection Date: 1/23/2019 6:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF              | Date Analyze |
|---|--------|------------|----------------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep           | Date: 1/24/2019 | Analyst: MJI |
| Acetone                                 | 0.097  | 0.097      | mg/Kg-dry      | 1               | 1/25/2019    |
| Benzene                                 | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Bromodichloromethane                    | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Bromoform                               | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Bromomethane                            | ND     | 0.013      | mg/Kg-dry      | 1               | 1/25/2019    |
| 2-Butanone                              | ND     | 0.097      | mg/Kg-dry      | 1               | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.064      | mg/Kg-dry      | 1               | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Chloroethane                            | ND     | 0.013      | mg/Kg-dry      | 1               | 1/25/2019    |
| Chloroform                              | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Chloromethane                           | ND     | 0.013      | mg/Kg-dry      | 1               | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,1-Dichloroethane                      | . ND   | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0026     | mg/Kg-dry      | 1               | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0026     | mg/Kg-dry      | 1               | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.026      | mg/Kg-dry      | 1               | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.026      | mg/Kg-dry      | 1               | 1/25/2019    |
| Methylene chloride                      | ND     | 0.013      | mg/Kg-dry      | 1               | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Styrene                                 | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Tetrachloroethene                       | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Toluene                                 | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0064     | mg/Kg-dry      | 1               | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.019      | mg/Kg-dry      | 1               | 1/25/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B) Prej      | Date: 1/28/2019 | •            |
| Acenaphthene                            | ND     | 0.043      | mg/Kg-dry      | 1 .             | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.043      | mg/Kg-dry      | 1               | 1/29/2019    |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-002 Client Sample ID: A-19

Collection Date: 1/23/2019 6:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW | 3550B)    | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.43     | ·         | ng/Kg-dry | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.043    | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.43     | n         | ng/Kg-dry |                 | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.043    | n         | ng/Kg-dry | . <b>1</b> .    | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.043    | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 1.1      | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.22     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND,    | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1      | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.22     | , п       | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.22     | п         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.43     | п         | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.043    | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichtorobenzene                     | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.43     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.1      | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.043    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.043    | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.22     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.22     | п         | ng/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Client: Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

Project: Franklin - EB 19010622-002

Lab ID:

Client Sample ID: A-19

Collection Date: 1/23/2019 6:15:00 AM

Matrix: Soil

| Analyses                                | Result | · RL Qu      | alifier | Units    | DF              | Date Analyzed |
|---|--------|--------------|---------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW355  | 0B)     | Prep     | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.043        | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.043        | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.22         | mg      | /Kg-dry  | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.043        | mg      | g/Kg-dry | 1               | . 1/29/2019   |
| Isophorone                              | ND     | 0.22         | , mg    | g/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND.    | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.043        | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND ·   | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | · ND   | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.43         | · mg    | g/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.043        | mg      | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.043        | mg      | /Kg-dry  | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.086        | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.043        | mg      | J/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.043        | mg      | J/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.86         | mg      | J/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22         | mg      | g/Kg-dry | 1 '             | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.22         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW3556 | 0B)     | Prep     | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.10         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.10         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.10         | · mg    | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.10         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.10         | mg      | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.10         | mg      | /Kg-dry  | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB 19010622-002 Client Sample ID: A-19

Collection Date: 1/23/2019 6:15:00 AM

Matrix: Soil

| Analyses           | Result  | RL Qualifie    | er Units  | DF              | Date Analyzed |
|--------------------|---------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8     | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4´-DDD           | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-BHC          | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | ND      | 0.021          | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | · ND    | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin             | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND      | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND      | 0.043          | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6     | 020A (SW3050B) | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 15000 . | 24             | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | ND      | 2.4            | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 4.3     | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Barium             | 60      | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium          | 0.80    | 0.59           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND      | 0.59           | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 52000   | 71             | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 28      | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 17      | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 26      | 2.9            | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 26000   | 35             | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 15      | 0.59           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 25000   | 35             | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | 380     | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 47      | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB

19010622-002

Client Sample ID: A-19

Collection Date: 1/23/2019 6:15:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier | Units     | DF              | Date Analyze       |
|----------------------|--------|-----------|-----------|-----------|-----------------|--------------------|
| Metals by ICP/MS     | SW6    | 020A (SW3 | 050B)     | Prep      | Date: 1/25/2019 | Analyst: MD        |
| Potassium            | 3400   | 35        |           | mg/Kg-dry | 10              | 1/26/2019          |
| Selenium             | ND     | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019          |
| Silver               | ND     | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019          |
| Sodium               | 150    | 71        |           | mg/Kg-dry | 10              | 1/26/2019          |
| Thallium             | ND     | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019          |
| Vanadium             | 27     | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019          |
| Zinc                 | 56     | 5.9       | •         | mg/Kg-dry | 10              | 1/26/2019          |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 1/29/2019 | Analyst: JG        |
| Antimony             | ND     | 0.015     |           | mg/L      | 5               | 1/29/2019          |
| Arsenic              | ND     | 0.010     |           | mg/L      | 5 .             | 1/29/2019          |
| Barium               | 0.73   | 0.050     |           | mg/L      | 5               | 1/29/2019          |
| Beryllium            | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019          |
| Cadmium              | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019          |
| Chromium             | ND     | 0.010     | •         | mg/L      | 5               | 1/29/2019          |
| Cobalt               | 0.053  | 0.010     | •         | mg/L      | 5               | 1/29/2019          |
| Copper               | ND     | 0.10      |           | mg/L      | 5               | 1/29/2019          |
| Iron                 | ND     | 0.25      |           | mg/L      | 5               | 1/29/2019          |
| Lead                 | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019          |
| Manganese            | 4.5    | 0.010     |           | mg/L      | 5               | 1/29/2019          |
| Nickel               | 0.067  | 0.020     |           | mg/L      | 5               | 1/29/2019          |
| Selenium             | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019          |
| Silver               | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019          |
| Thallium             | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019          |
| Vanadium             | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019          |
| Zinc                 | . ND   | 0.050     |           | mg/L      | 5               | 1/29/2019          |
| CLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/29/2019 | Analyst: LB        |
| Mercury              | ND     | 0.00020   |           | mg/L      | 1               | 1/29/2019          |
| lercury              | SW7    | 471B      |           | Prep      | Date: 1/28/2019 | Analyst: LB        |
| Mercury              | 0.029  | 0.025     | 1         | mg/Kg-dry | 1               | 1/29/2019          |
| yanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/27/2019 | Analyst: MD        |
| Cyanide              | ND     | 0.33      | I         | mg/Kg-dry | 1               | 1/27/2019          |
| oH (25 °C)           | SW9    | 045C      |           | Prep      | Date: 1/25/2019 | Analyst: <b>JT</b> |
| рН                   | 7.70   |           |           | pH Units  | 1               | 1/25/2019          |
| Percent Moisture     | D297   | <b>'4</b> |           | Prep      | Date: 1/24/2019 | Analyst: RW        |
| Percent Moisture     | 23.7   | 0.2       | *         | wt%       | 1               | 1/25/2019          |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB 19010622-003 Client Sample ID: A-20

Collection Date: 1/23/2019 6:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q               | ualifier | Units     | DF              | Date Analyzed |
|---|--------|--------------------|----------|-----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B          |          | Prep      | Date: 1/24/2019 | Analyst: MJK  |
| Acetone                                 | 0.17   | 0.078              |          | mg/Kg-dry | 1               | 1/25/2019     |
| Benzene                                 | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Bromodichloromethane                    | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Bromoform                               | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Bromomethane                            | ND     | 0.010              |          | mg/Kg-dry | 1               | 1/25/2019     |
| 2-Butanone                              | ND     | 0.078              |          | mg/Kg-dry | 1               | 1/25/2019     |
| Carbon disulfide                        | ND     | 0.052              |          | mg/Kg-dry | 1               | 1/25/2019     |
| Carbon tetrachloride                    | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Chlorobenzene                           | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Chloroethane '                          | ND     | 0.010              |          | mg/Kg-dry | 1               | 1/25/2019     |
| Chloroform                              | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Chloromethane                           | ND     | 0.010              |          | mg/Kg-dry | 1               | 1/25/2019     |
| Dibromochloromethane                    | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0052             |          | mg/Kg-dry | 1 ,             | 1/25/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0021             |          | mg/Kg-dry | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0021             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Ethylbenzene                            | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 2-Hexanone                              | ND     | 0.021              |          | mg/Kg-dry | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.021 <sup>.</sup> |          | mg/Kg-dry | 1               | 1/25/2019     |
| Methylene chloride                      | ND     | 0.010              |          | mg/Kg-dry | 1.              | 1/25/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Styrene                                 | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Tetrachloroethene                       | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Toluene                                 | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Trichloroethene                         | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Vinyl chloride .                        | ND     | 0.0052             |          | mg/Kg-dry | 1               | 1/25/2019     |
| Xylenes, Total                          | ND     | 0.016              |          | mg/Kg-dry | 1               | 1/25/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35         | 50B)     | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.043              |          | mg/Kg-dry | 1               | 1/29/2019     |
| Acenaphthylene                          | ND     | 0.043              |          | mg/Kg-dry | 1               | 1/29/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

**Client:** 

**Lab ID:** 19010622-003

**ANALYTICAL RESULTS** 

Client Sample ID: A-20

Collection Date: 1/23/2019 6:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units    | DF              | Date Analyzed |
|---|--------|----------|-----------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW: | 3550B)    | Prep     | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.43     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.043    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.043    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.43     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.043    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.043    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.043    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.043    | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 1.1      | m         | g/Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.22     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ` ND   | 0.22     | · mg      | g/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1      | me        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.22     | mę        | g/Kg-dry | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.43     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.22     | · mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.043    |           | g/Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.043    |           | g/Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.22     | mg        | /Kg-dry  | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.22     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.22     | mg        | g/Kg-dry | . 1             | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.22     |           | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.22     |           | g/Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.22     |           | g/Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | . ND   | 0.43     | •         | g/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.1      |           | /Kg-dry  | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.043    | •         | /Kg-dry  | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.043    | -         | /Kg-dry  | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.22     | •         | /Kg-dry  | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.22     |           | g/Kg-dry | 1               | 1/29/2019     |

Qualifiers:

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB 19010622-003

Client Sample ID: A-20 Collection Date: 1/23/2019 6:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|-----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW8: | 270C (SW: | 3550B)    | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.22      |           | mg/Kg-dry | 1 ,             | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.43      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.087     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.043     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.87      |           | mg/Kg-dry | 1 .             | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.22      |           | mg/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW3 | 3550B)    | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.10      |           | mg/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

Franklin - EB Project:

Lab ID: 19010622-003

Client Sample ID: A-20 Collection Date: 1/23/2019 6:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualif      | ier Units | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-BHC          | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.021          | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | · ND   | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | ND ·   | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin             | · ND   | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0021         | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.043          | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 14000  | 23             | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | · ND   | 2.3            | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 3.9    | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Barium             | 71     | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium          | 0.82   | 0.58           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.58           | mg/Kg-dry | 10              | 1/26/2019     |
| Catcium            | 47000  | 70             | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 28     | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 15     | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 24     | 2.9            | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 25000  | 35             | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 14     | 0.58           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 22000  | 35             | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | 350    | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 43     | 1.2            | mg/Kg-dry | 10              | 1/26/2019     |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB 19010622-003 Client Sample ID: A-20

Collection Date: 1/23/2019 6:30:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyzed                           |
|-----------------------|--------|-----------|-----------|-----------|-----------------|---|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT                            |
| Potassium             | 3300   | 35        | 'n        | g/Kg-dry  | 10              | 1/26/2019                               |
| Selenium              | ND     | 1.2       | m         | ig/Kg-dry | 10              | 1/26/2019                               |
| Silver                | ND     | 1.2       | m         | ıg/Kg-dry | 10              | 1/26/2019                               |
| Sodium                | 140    | 70        | m         | ıg/Kg-dry | 10              | 1/26/2019                               |
| Thallium              | ND     | 1.2       | m         | g/Kg-dry  | 10              | 1/26/2019                               |
| Vanadium              | 27     | 1.2       | m         | ıg/Kg-dry | 10              | 1/26/2019                               |
| Zinc                  | 56     | 5.8       | m         | g/Kg-dry  | 10              | 1/26/2019                               |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A  | ) Prep    | Date: 1/29/2019 | Analyst: JG                             |
| Antimony              | ND     | 0.015     | ·         | mg/L      | 5               | 1/29/2019                               |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Barium                | 0.72   | 0.050     |           | mg/L      | 5               | 1/29/2019                               |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019                               |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019                               |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Cobalt                | 0.099  | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Copper                | ND     | 0.10      |           | mg/L      | 5 .             | 1/29/2019                               |
| Iron                  | ND     | 0.25      |           | mg/L      | 5               | 1/29/2019                               |
| Lead                  | 0.0089 | 0.0050    |           | mg/L      | 5               | 1/29/2019                               |
| Manganese             | 4.7    | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Nickel                | 0.16   | 0.020     |           | mg/L      | 5               | 1/29/2019                               |
| Selenium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Silver                | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5 .             | 1/29/2019                               |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019                               |
| Zinc                  | 0.055  | 0.050     |           | mg/L      | 5               | 1/29/2019                               |
| TCLP Mercury          | SW1:   | 311/7470A |           | Prep      | Date: 1/29/2019 | Analyst: LB                             |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1               | 1/29/2019                               |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 1/28/2019 | Analyst: LB                             |
| Mercury               | 0.027  | 0.024     | m         | ig/Kg-dry | 1               | 1/29/2019                               |
| Cyanide, Total        | SW9    | 012A      | •         | Prep      | Date: 1/27/2019 | Analyst: MD                             |
| Cyanide               | . ND   | 0.33      | m         | ig/Kg-dry | 1               | 1/27/2019                               |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/25/2019 | ·                                       |
| pH                    | 7.94   |           | ı         | H Units   | 1               | 1/25/2019                               |
| Percent Moisture      | D297   |           |           | •         | Date: 1/24/2019 | * · · · · · · · · · · · · · · · · · · · |
| Percent Moisture      | 23.3   | 0.2       | •         | wt%       | 1               | 1/25/2019                               |

Qualifiers:

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Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB 19010622-004 Client Sample ID: A-21

Collection Date: 1/23/2019 6:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL (       | Qualifier Units | DF              | Date Analyzed |
|---|--------|------------|-----------------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep            | Date: 1/24/2019 | Analyst: MJK  |
| Acetone                                 | 0.12   | 0.087      | mg/Kg-dry       | 1               | 1/25/2019     |
| Benzene                                 | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Bromodichloromethane                    | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Bromoform                               | ND     | 0.0058     | mg/Kg-dry       | 1 .             | 1/25/2019     |
| Bromomethane                            | ND     | 0.012      | mg/Kg-dry       | 1               | 1/25/2019     |
| 2-Butanone                              | ND     | 0.087      | mg/Kg-dry       | 1               | 1/25/2019     |
| Carbon disulfide                        | ND     | 0.058      | mg/Kg-dry       | 1               | 1/25/2019     |
| · Carbon tetrachloride                  | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Chlorobenzene                           | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Chloroethane                            | ND     | 0.012      | mg/Kg-dry       | 1               | 1/25/2019     |
| Chloroform                              | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Chloromethane                           | ND     | 0.012      | mg/Kg-dry       | 1               | 1/25/2019     |
| Dibromochloromethane                    | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0023     | mg/Kg-dry       | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0023     | mg/Kg-dry       | 1               | 1/25/2019     |
| Ethylbenzene                            | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 2-Hexanone                              | ND     | 0.023      | mg/Kg-dry       | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.023      | mg/Kg-dry       | 1               | 1/25/2019     |
| Methylene chloride                      | ND     | 0.012      | mg/Kg-dry       | 1 '             | 1/25/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Styrene                                 | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Tetrachloroethene                       | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Toluene                                 | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Trichloroethene                         | ND     | 0.0058     | mg/Kg-dry       | · 1             | 1/25/2019     |
| Vinyl chloride                          | ND     | 0.0058     | mg/Kg-dry       | 1               | 1/25/2019     |
| Xylenes, Total                          | ND     | 0.017      | mg/Kg-dry       | 1               | 1/25/2019     |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | •               | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-dry       | 1               | 1/29/2019     |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-dry       | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

Lab ID:

19010622-004

**Client Sample ID:** A-21

Collection Date: 1/23/2019 6:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier U | nits D   | F                   | Date Analyzed |
|---|--------|-----------|-------------|----------|---------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | s SW82 | 270C (SW3 | 3550B)      | Prep Dat | e: <b>1/28/2019</b> | Analyst: FP   |
| Aniline                                 | ND     | 0.42      | •           | (g-dry 1 |                     | 1/29/2019     |
| Anthracene                              | ND     | 0.041     |             | (g-dry 1 |                     | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzidine                               | ND     | 0.41      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzoic acid                            | . ND   | 1.0       | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Carbazole                               | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Chrysene                                | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21      | mg/k        | (g-dry 1 |                     | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      | mg/k        | (g-dry 1 |                     | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21      | mg/k        | (g-dry 1 |                     | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.21      | mg/k        | (g-dry 1 |                     | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41      | mg/K        | (g-dry 1 | ,                   | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0       | mg/K        | (g-dry 1 | -                   | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041     | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21      | mg/K        | (g-dry 1 |                     | 1/29/2019     |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

February 01, 2019 **Date Printed:** 

Client:

Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

Project:

Franklin - EB

Lab ID:

19010622-004

Client Sample ID: A-21

Collection Date: 1/23/2019 6:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Ç       | Qualifier ( | Units     | DF              | Date Analyzed |
|---|--------|------------|-------------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW35 | 550B)       | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041      |             | ng/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.041      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       | r           | ng/Kg-dry | 1 '             | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND .   | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21       | · r         | ng/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.041      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | г           | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.21       | r           | ng/Kg-dry | . 1             | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.41       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.041      | г           | ng/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.084      | Г           | ng/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.041      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21       | · п         | ng/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.041      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.84       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | r           | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | п           | ng/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW80   | )82A (SW35 | 50B)        | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099      | n           | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.099      |             | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.099      | r           | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.099      | п           | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.099      | п           | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.099      | п           | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.099      | П           | ng/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Franklin - EB

Client Sample ID: A-21

Collection Date: 1/23/2019 6:45:00 AM

Matrix: Soil

| Lab ID: 19010622-004 | Matrix: Soil |                |           |                 |               |  |
|----------------------|--------------|----------------|-----------|-----------------|---------------|--|
| Analyses             | Result       | RL Qualif      | ier Units | DF              | Date Analyzed |  |
| Pesticides           | SW8          | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |  |
| 4,4'-DDD             | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| 4,4'-DDE             | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| 4,4´-DDT             | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Aldrin               | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| alpha-BHC            | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| alpha-Chlordane      | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| beta-BHC             | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Chlordane            | ND           | 0.020          | mg/Kg-dry | 1               | 1/29/2019     |  |
| delta-BHC            | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Dieldrin             | ND           | 0.0020         | mg/Kg-dry | 1 ′             | 1/29/2019     |  |
| Endosulfan I         | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Endosulfan II        | . ND         | 0.0020         | mg/Kg-dry | 1 /             | 1/29/2019     |  |
| Endosulfan sulfate   | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Endrin               | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Endrin aldehyde      | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Endrin ketone        | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| gamma-BHC            | ND           | 0.0020         | mg/Kg-dry | <b>'1</b>       | 1/29/2019     |  |
| gamma-Chlordane      | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Heptachlor           | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Heptachlor epoxide   | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Methoxychior         | ND           | 0.0020         | mg/Kg-dry | 1               | 1/29/2019     |  |
| Toxaphene            | ND           | 0.041          | mg/Kg-dry | 1               | 1/29/2019     |  |
| Metals by ICP/MS     | SW6          | 020A (SW3050B) | Prep      | Date: 1/25/2019 |               |  |
| Aluminum .           | 13000        | 22             | mg/Kg-dry | 10              | . 1/26/2019   |  |
| Antimony             | ND           | 2.2            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Arsenic              | 5.2          | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Barium               | 74           | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Beryllium            | 0.70         | 0.56           | mg/Kg-dry | 10              | 1/26/2019     |  |
| Cadmium              | ND           | 0.56           | mg/Kg-dry | 10              | 1/26/2019     |  |
| Calcium              | 70000        | 67             | mg/Kg-dry | 10              | 1/26/2019     |  |
| Chromium             | 26           | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Cobalt               | 19           | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Copper               | 30           | 2.8            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Iron                 | 25000        | 33             | mg/Kg-dry | 10              | 1/26/2019     |  |
| Lead                 | 15           | 0.56           | mg/Kg-dry | 10              | 1/26/2019     |  |
| Magnesium            | 34000        | 33             | mg/Kg-dry | 10              | 1/26/2019     |  |
| Manganese            | 510          | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |  |
| Nickel               | 45           | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |  |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB

19010622-004

Client Sample ID: A-21

Collection Date: 1/23/2019 6:45:00 AM

Matrix: Soil

| Analyses              | Result  | RL         | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|---------|------------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | SWe     | 6020A (SW  | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium             | 3100    | 33         | , u       | ng/Kg-dry | 10              | 1/26/2019     |
| Selenium              | ND      | 1.1        | m         | ng/Kg-dry | 10              | 1/26/2019     |
| Silver                | ND      | 1.1        | п         | ng/Kg-dry | 10              | 1/26/2019     |
| Sodium                | 150     | 67         | m         | ng/Kg-dry | 10              | 1/26/2019     |
| Thallium              | ND      | 1.1        | m         | ng/Kg-dry | 10              | 1/26/2019     |
| Vanadium              | 26      | 1.1        | m         | ng/Kg-dry | 10              | 1/26/2019     |
| Zinc                  | 56      | 5.6        | m         | ng/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1     | 1311/6020A | (SW3005A  | () Prep   | Date: 1/29/2019 | Analyst: JG   |
| Antimony              | ND      | 0.015      | •         | mg/L      | 5               | 1/29/2019     |
| Arsenic               | ND      | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Barium                | 0.74    | 0.050      |           | mg/L      | 5               | 1/29/2019     |
| Beryllium             | ND      | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Cadmium               | ND      | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Chromium              | ND      | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Cobalt                | 0.080   | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Copper                | ND      | 0.10       |           | mg/L      | 5               | 1/29/2019     |
| Iron                  | ND      | 0.25       |           | mg/L      | 5               | 1/29/2019     |
| Lead                  | 0.0069  | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Manganese             | 4.3     | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Nickel                | 0.15    | 0.020      |           | mg/L      | 5               | 1/29/2019     |
| Selenium              | ND      | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Silver                | ND      | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Thallium              | ND      | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Vanadium              | ND      | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Zinc                  | ND      | 0.050      |           | mg/L      | 5               | 1/29/2019     |
| TCLP Mercury          | SW1     | 1311/7470A |           | Prep      | Date: 1/29/2019 | Analyst: LB   |
| Mercury               | 0.00020 | 0.00020    |           | mg/L      | 1               | 1/29/2019     |
| Mercury               | SW      | 471B       |           | Pren      | Date: 1/28/2019 | Analyst: LB   |
| Mercury               | 0.024   | 0.023      | m         | ng/Kg-dry | 1               | 1/29/2019     |
| Cyanide, Total        | sws     | 0012A      |           | Prep      | Date: 1/27/2019 | Analyst: MD   |
| Cyanide               | ND      | 0.31       | m         | ng/Kg-dry | 1               | 1/27/2019     |
| pH (25 °C)            | SWS     | 0045C      |           | Prep      | Date: 1/25/2019 |               |
| рН                    | 7.90    |            | ı         | oH Units  | 1               | 1/25/2019     |
| Percent Moisture      | D29     | 74         |           | Prep      | Date: 1/24/2019 | -             |
| Percent Moisture      | 20.0    | 0.2        | •         | wt%       | 1 .             | 1/25/2019     |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Date Finited: Febluar

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

**Lab ID:** 19010622-005

| T WT | 177 | <br>101 |  | $\mathbf{v}$ |  |
|------|-----|---------|--|--------------|--|
|      |     |         |  |              |  |
|      |     |         |  |              |  |

Client Sample ID: A-22

Collection Date: 1/23/2019 7:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL (       | Qualifier Units   | DF              | Date Analyzed |
|---|--------|------------|-------------------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep              | Date: 1/24/2019 | Analyst: MJK  |
| Acetone                                 | 0.10   | 0.089      | mg/Kg-dry         | 1               | 1/25/2019     |
| Benzene                                 | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Bromodichloromethane                    | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Bromoform                               | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Bromomethane                            | ND     | 0.012      | mg/Kg-dry         | 1               | 1/25/2019     |
| 2-Butanone                              | ND     | 0.089      | mg/Kg-dry         | 1               | 1/25/2019     |
| Carbon disulfide                        | ND     | 0.059      | mg/Kg-dry         | 1               | 1/25/2019     |
| Carbon tetrachloride                    | ND     | 0.0059     | . mg/Kg-dry       | 1               | 1/25/2019     |
| Chlorobenzene                           | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Chloroethane                            | ND     | 0.012      | mg/Kg-dry         | 1               | 1/25/2019     |
| Chloroform                              | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Chloromethane                           | ND     | 0.012      | mg/Kg-dry         | 1               | 1/25/2019     |
| Dibromochloromethane                    | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,1-Dichloroethene                      | · ND   | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0024     | mg/Kg-dry         | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0024     | mg/Kg-dry         | 1               | 1/25/2019     |
| Ethylbenzene                            | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 2-Hexanone                              | ND     | 0.024      | mg/Kg-dry         | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.024      | mg/Kg-dry         | 1               | 1/25/2019     |
| Methylene chloride                      | ND     | 0.012      | , mg/Kg-dry       | 1               | 1/25/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Styrene                                 | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Tetrachloroethene                       | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Toluene                                 | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane ·                 | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Trichloroethene                         | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Vinyl chloride                          | ND     | 0.0059     | mg/Kg-dry         | 1               | 1/25/2019     |
| Xylenes, Total                          | ND     | 0.018      | mg/Kg-dry         | 1               | 1/25/2019     |
| Semivolatile Organic Compounds by GC/MS | s swa  | 270C (SW35 | <b>550B)</b> Prep | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-dry         | 1               | 1/29/2019     |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-dry         | 1               | 1/29/2019     |

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Date Reported: February 01, 2019 February 01, 2019 ANALYTICAL RESULTS

**Date Printed:** 

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB 19010622-005 Client Sample ID: A-22

Collection Date: 1/23/2019 7:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW | 3550B)    | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.42     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.41     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 1.0      | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      | r         | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     | r         | mg/Kg-dry | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Chrysene ·                              | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041    | г         | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     | ľ         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | ſ         | ng/Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      | r         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041    | ſ         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041    | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     | r         | ng/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB

Client Sample ID: A-22 Collection Date: 1/23/2019 7:00:00 AM

Matrix: Soil

19010622-005

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 |          | •         | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041      |          | ng/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.041      | r        | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       |          | ng/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| indeno(1,2,3-cd)pyrene                  | ND     | . 0.041    | r        | ng/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.041      | r        | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | r        | ng/Kg-dry | 1 ,             | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.21       | r        | ng/Kg-dry | 1               | .1/29/2019    |
| 4-Nitrophenol                           | ND     | 0.41       | Г        | ng/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.041      | г        | ng/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041      | r        | ng/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       | r        | ng/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.084      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.041      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.041      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.84       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | n        | ng/Kg-dry | 1               | 1/29/2019     |
| PCBs .                                  | SW80   | )82A (SW35 | 50B)     | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.099      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.099      | п        | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.099      | п        | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.099      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.099      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.099      | n        | ng/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

**Project:** Franklin - EB

19010622-005 Lab ID:

Client Sample ID: A-22 Collection Date: 1/23/2019 7:00:00 AM

Matrix: Soil

| Analyses           | Result  | RL Qu        | alifier Units | DF              | Date Analyzed |
|--------------------|---------|--------------|---------------|-----------------|---------------|
| Pesticides         | SW8     | 081B (SW3550 | )B) Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| 4,4'-DDE           | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| 4,4'-DDT           | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Aldrin             | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| alpha-BHC          | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| alpha-Chlordane    | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| beta-BHC           | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Chlordane .        | ND      | 0.020        | mg/Kg-dry     | 1               | 1/29/2019     |
| delta-BHC          | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Dieldrin           | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Endosulfan I       | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Endosulfan II      | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Endosulfan sulfate | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Endrin             | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Endrin aldehyde    | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Endrin ketone      | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| gamma-BHC          | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| gamma-Chlordane    | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Heptachlor         | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Heptachlor epoxide | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Methoxychlor       | ND      | 0.0020       | mg/Kg-dry     | 1               | 1/29/2019     |
| Toxaphene          | ND      | 0.041        | mg/Kg-dry     | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6     | 020A (SW3050 | B) Prep       | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 18000   | `22          | mg/Kg-dry     | 10              | 1/26/2019     |
| Antimony           | ND      | 2.2          | mg/Kg-dry     | 10              | 1/26/2019     |
| Arsenic            | 11      | 1.1          | mg/Kg-dry     | 10              | 1/26/2019     |
| Barium             | 76      | 1.1          | mg/Kg-dry     | 10              | 1/26/2019     |
| Beryllium          | 1.0     | 0.54         | mg/Kg-dry     | 10              | 1/26/2019     |
| Cadmium            | ND      | 0.54         | mg/Kg-dry     | 10              | 1/26/2019     |
| Calcium            | 76000   | 65           | mg/Kg-dry     | 10              | 1/26/2019     |
| Chromium           | 35      | 1.1          | mg/Kg-dry     | 10              | 1/26/2019     |
| Cobalt             | 21      | 1.1          | mg/Kg-dry     | 10              | 1/26/2019     |
| Copper             | 39      | 2.7          | mg/Kg-dry     | 10              | 1/26/2019     |
| Iron               | . 33000 | 33           | mg/Kg-dry     | 10              | 1/26/2019     |
| Lead               | 17      | 0.54         | mg/Kg-dry     | 10              | 1/26/2019     |
| Magnesium          | 37000   | 33           | mg/Kg-dry     | 10              | 1/26/2019     |
| Manganese          | 600     | 1.1          | mg/Kg-dry     | 10              | 1/26/2019     |
| Nickel             | - 56    | 1.1          | mg/Kg-dry     | 10              | 1/26/2019     |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Franklin - EB

Lab ID:

19010622-005

Client Sample ID: A-22

Collection Date: 1/23/2019 7:00:00 AM

Matrix: Soil

| Metals by ICP/MS         SW6020A (SW3050B)         Prep Date: 1/25/2019         Analyst: MDT           Potassium         4700         33         mg/Kg-dry         10         1/26/2019           Selenium         ND         1.1         mg/Kg-dry         10         1/26/2019           Silver         ND         1.1         mg/Kg-dry         10         1/26/2019           Sodium         200         65         mg/Kg-dry         10         1/26/2019           Vanadium         36         1.1         mg/Kg-dry         10         1/26/2019           Vanadium         36         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.4         mg/Kg-dry         10         1/26/2019           Antemory         ND         0.015         mg/L         5         1/29/2019           Antemory         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.550         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019   | Analyses              | Result       | RL        | Qualifier | Units    | DF              | Date Analyzed |
|---|-----------------------|--------------|-----------|-----------|----------|-----------------|---------------|
| Selenium  | Metals by ICP/MS      | SW60         | )20A (SW  | 3050B)    | Prep     | Date: 1/25/2019 | Analyst: MDT  |
| Silver         ND         1.1         mg/Kg-dry         10         1/26/2019           Sodium         200         65         mg/Kg-dry         10         1/26/2019           Thallium         ND         1.1         mg/Kg-dry         10         1/26/2019           Vanadium         36         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.4         mg/Kg-dry         10         1/26/2019           TCLP Metals by ICP/MS         SW1311/6020A         (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimory         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Barium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29  | •                     | 4700         | 33        | m         | g/Kg-dry | 10              | 1/26/2019     |
| Sodium         200         65         mg/Kg-dry         10         1/26/2019           Thallium         ND         1.1         mg/Kg-dry         10         1/26/2019           Vanadium         36         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.4         mg/Kg-dry         10         1/26/2019           TCLP Metals by ICP/MS         SW1311/6020A         (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimory         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/  | Selenium              | ND           | 1.1       | m         | g/Kg-dry | 10              | 1/26/2019     |
| Thallium  | Silver                | ND           | 1.1       | m         | g/Kg-dry | 10              | 1/26/2019     |
| Vanadium Zinc         36         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.4         mg/Kg-dry         10         1/26/2019           TCLP Metals by ICP/MS         SW1311/6020A         (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimony         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Choalt         0.052         0.010         mg/L         5         1/29/2019           Chobalt         0.052         0.010         mg/L         5         1/29/2019           Iron         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.052         mg/L         5         1/29/201  | Sodium                | 200          | 65        | m         | g/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS  Antimony  ND  0.015  Mg/L  5  1/29/2019  Analyst: JG  Antimony  ND  0.015  Mg/L  5  1/29/2019  Analyst: JG  Antimony  ND  0.010  Mg/L  5  1/29/2019  Beryllium  ND  0.050  Mg/L  5  1/29/2019  Beryllium  ND  0.0050  Mg/L  5  1/29/2019  Cadmium  ND  0.0050  Mg/L  5  1/29/2019  Cobalt  Cobalt  0.052  0.010  Mg/L  5  1/29/2019  Copper  ND  0.010  Mg/L  5  1/29/2019  Copper  ND  0.010  Mg/L  5  1/29/2019  Copper  ND  0.052  0.010  Mg/L  5  1/29/2019  Copper  ND  0.050  Mg/L  5  1/29/2019  Copper  ND  0.010  Mg/L  5  1/29/2019  Iron  ND  0.25  Mg/L  5  1/29/2019  Iron  ND  0.25  Mg/L  5  1/29/2019  Iron  ND  0.25  Mg/L  5  1/29/2019  No  No  0.077  0.0050  Mg/L  5  1/29/2019  No  No  0.0077  0.0050  Mg/L  5  1/29/2019  No  No  0.0070  Mg/L  5  1/29/2019  No  No  0.0070  Mg/L  5  1/29/2019  No  No  0.010  Mg/L  5  1/29/2019  No  No  0.010  Mg/L  5  1/29/2019  No  No  0.010  Mg/L  5  1/29/2019  Thallium  ND  0.010  Mg/L  5  1/29/2019  Thallium  ND  0.010  Mg/L  5  1/29/2019  Thallium  ND  0.010  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Tourn  Tourn  ND  0.0050  Mg/L  5  1/29/2019  Analyst: LB  Mercury  ND  0.0020  Mg/Kg-dry  1  1/29/2019  Analyst: LB  Mercury  ND  0.031  Mg/Kg-dry  1  1/29/2019  Analyst: LB  Mercury  ND  0.031  Mg/Kg-dry  1  1/25/2019  Analyst: LB  Mercury  ND  0.031  Mg/Kg-dry  1  1/25/2019  Analyst: DD  pH (25 °C)  pH Units  1  1/25/2019  Analyst: DD  pH Units  1  1/25/2019  Analyst: DD  pH Units  1  1/25/2019  Analyst: RW | Thallium              | ND           | 1.1       | m         | g/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS         SW1311/6020A         (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimony         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/29/2019           Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Iron         ND         0.025         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019 <td>Vanadium</td> <td>. 36</td> <td>1.1</td> <td>m</td> <td>g/Kg-dry</td> <td>10</td> <td>1/26/2019</td>  | Vanadium              | . 36         | 1.1       | m         | g/Kg-dry | 10              | 1/26/2019     |
| Antimony Arsenic ND 0.015 mg/L 5 1/29/2019 Arsenic Barium 0.83 0.050 mg/L 5 1/29/2019 Beryllium ND 0.0050 mg/L 5 1/29/2019 Cadmium ND 0.0050 mg/L 5 1/29/2019 Cadmium ND 0.0050 mg/L 5 1/29/2019 Cadmium ND 0.0050 Mg/L 5 1/29/2019 Chromium ND 0.010 Mg/L 5 1/29/2019 Cobalt 0.052 0.010 Mg/L 5 1/29/2019 Copper ND 0.10 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.050 Mg/L 5 1/29/2019 Manganese 6.5 0.010 Mg/L 5 1/29/2019 Mickel 0.072 0.0020 Mg/L 5 1/29/2019 Selenium ND 0.010 Mg/L 5 1/29/2019 Selenium ND 0.010 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Thallium ND 0.0050 Mg/L 5 1/29/2019 Thallium ND 0.0050 Mg/L 5 1/29/2019 TCLP Mercury ND 0.050 Mg/L 5 1/29/2019 TCLP Mercury ND 0.00020 Mg/L 5 1/29/2019 TCLP Mercury ND 0.00020 Mg/L 1 1/29/2019  Mercury ND 0.00020 Mg/L 1 1/29/2019  Mercury ND 0.00020 Mg/L 1 1/29/2019  Mercury ND 0.0020 Mg/L 1 1/29/2019  Mercury ND 0.0020 Mg/L 1 1/29/2019 Analyst: LB Mgrcury ND 0.0020 Mg/Kg-dry 1 1/28/2019 Analyst: LB Mgrcury ND 0.0020 Mg/Kg-dry 1 1/28/2019 Analyst: LB Mgrcury ND 0.031 Mg/Kg-dry 1 1/28/2019 Analyst: LB Mgrcury ND 0.031 Mg/Kg-dry 1 1/28/2019 Analyst: JT pH Units 1 1/25/2019 Analyst: JT pH Units 1 1/25/2019 Analyst: JT pH Units 1 1/25/2019 Analyst: RW   | Zinc                  | 69           | 5.4       | m         | g/Kg-dry | 10              | 1/26/2019     |
| Antimony Arsenic ND 0.015 mg/L 5 1/29/2019 Arsenic Barium 0.83 0.050 mg/L 5 1/29/2019 Beryllium ND 0.0050 mg/L 5 1/29/2019 Cadmium ND 0.0050 mg/L 5 1/29/2019 Cadmium ND 0.0050 mg/L 5 1/29/2019 Cadmium ND 0.0050 Mg/L 5 1/29/2019 Chromium ND 0.010 Mg/L 5 1/29/2019 Cobalt 0.052 0.010 Mg/L 5 1/29/2019 Copper ND 0.10 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.050 Mg/L 5 1/29/2019 Manganese 6.5 0.010 Mg/L 5 1/29/2019 Mickel 0.072 0.0020 Mg/L 5 1/29/2019 Selenium ND 0.010 Mg/L 5 1/29/2019 Selenium ND 0.010 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Thallium ND 0.0050 Mg/L 5 1/29/2019 Thallium ND 0.0050 Mg/L 5 1/29/2019 TCLP Mercury ND 0.050 Mg/L 5 1/29/2019 TCLP Mercury ND 0.00020 Mg/L 5 1/29/2019 TCLP Mercury ND 0.00020 Mg/L 1 1/29/2019  Mercury ND 0.00020 Mg/L 1 1/29/2019  Mercury ND 0.00020 Mg/L 1 1/29/2019  Mercury ND 0.0020 Mg/L 1 1/29/2019  Mercury ND 0.0020 Mg/L 1 1/29/2019 Analyst: LB Mgrcury ND 0.0020 Mg/Kg-dry 1 1/28/2019 Analyst: LB Mgrcury ND 0.0020 Mg/Kg-dry 1 1/28/2019 Analyst: LB Mgrcury ND 0.031 Mg/Kg-dry 1 1/28/2019 Analyst: LB Mgrcury ND 0.031 Mg/Kg-dry 1 1/28/2019 Analyst: JT pH Units 1 1/25/2019 Analyst: JT pH Units 1 1/25/2019 Analyst: JT pH Units 1 1/25/2019 Analyst: RW   | TCLP Metals by ICP/MS | SW13         | 311/6020A | (SW3005A  | ) Prep   | Date: 1/29/2019 | Analyst: JG   |
| Barium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.0010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/29/2019           Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.0077         0.0050         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.050         mg/L         5         1/29/2019  | •                     |              |           | •         |          |                 |               |
| Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.0010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/29/2019           Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.0077         0.0050         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0010         mg/L         5         1/29/2019 <th< td=""><td>Arsenic</td><td>ND</td><td>0.010</td><td></td><td>mg/L</td><td>5</td><td>1/29/2019</td></th<>  | Arsenic               | ND           | 0.010     |           | mg/L     | 5               | 1/29/2019     |
| Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/29/2019           Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.050         mg/L         5         1/29/2019           TC   | Barium                | 0.83         | 0.050     |           | mg/L     | 5               | 1/29/2019     |
| Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.052         0.010         mg/L         5         1/29/2019           Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.0077         0.0050         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury <td>Beryllium</td> <td>ND</td> <td>0.0050</td> <td></td> <td>mg/L</td> <td>5</td> <td>1/29/2019</td>   | Beryllium             | ND           | 0.0050    |           | mg/L     | 5               | 1/29/2019     |
| Cobalt         0.052         0.010         mg/L         5         1/29/2019           Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.0077         0.0050         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.0050         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury   | Cadmium               | ND           | 0.0050    |           | mg/L     | 5               | 1/29/2019     |
| Copper         ND         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.0077         0.0050         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.0020         mg/L         1         1/29/2019           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, T  | Chromium              | ND           | 0.010     |           | mg/L     | 5               | 1/29/2019     |
| Iron  | Cobalt                | 0.052        | 0.010     |           | mg/L     | 5               | 1/29/2019     |
| Lead ℓ         0.0077         0.0050         mg/L         5         1/29/2019           Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.0020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide FC)         SW9  | Copper .              | ND           | 0.10      |           | mg/L     | 5               | 1/29/2019     |
| Manganese         6.5         0.010         mg/L         5         1/29/2019           Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND <td>Iron</td> <td>ND</td> <td>0.25</td> <td></td> <td>mg/L</td> <td>5</td> <td>1/29/2019</td>   | Iron                  | ND           | 0.25      |           | mg/L     | 5               | 1/29/2019     |
| Nickel         0.072         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/25/2019           PH         8.05   | Lead !                | 0.0077       | 0.0050    |           | mg/L     | 5               | 1/29/2019     |
| Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         ND         0.050         mg/L         5         1/29/2019           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         ND         0.00020         mg/Kg-dry         1         1/29/2019           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH Units         1         1/25/2019         Analyst: RW   | Manganese             | 6.5          | 0.010     |           | mg/L     | 5               | 1/29/2019     |
| Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         ND         0.0022         mg/Kg-dry         1         1/29/2019           Cyanide, Total Cyanide         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C) pH         SW9045C         Prep Date: 1/25/2019         Analyst: JT pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | Nickel                | 0.072        | 0.020     |           | mg/L     | 5               | 1/29/2019     |
| Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           PH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH         8.05         PH Units         1         1/25/2019           Percent Moisture  | Selenium              | ND           | 0.010     |           | mg/L     | 5 `             | 1/29/2019     |
| Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH         8.05         pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | Silver                | ND           | 0.010     |           | mg/L     | 5               | 1/29/2019     |
| Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | Thallium              | ND           | 0.0050    |           | mg/L     | 5               | 1/29/2019     |
| TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB mg/L 1         Analyst: LB 1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB mg/Kg-dry 1         Analyst: LB mg/Kg-dry 1         1/29/2019           Cyanide, Total Cyanide         SW9012A         Prep Date: 1/27/2019         Analyst: MD mg/Kg-dry 1         Analyst: MD mg/Kg-dry 1         1/27/2019           PH (25 °C) pH         SW9045C         Prep Date: 1/25/2019         Analyst: JT pH Units 1         Analyst: JT pH Units 1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | Vanadium              | ND           | 0.010     |           | mg/L     | 5               | 1/29/2019     |
| Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB Mg/Kg-dry         1         1/29/2019           Cyanide, Total Cyanide         SW9012A ND         Prep Date: 1/27/2019         Analyst: MD Mg/Kg-dry         1         1/27/2019           PH (25 °C) Prep Date: 1/25/2019 PH Units         SW9045C PH Units         Prep Date: 1/25/2019 PH Units         Analyst: JT Mg/Kg-dry         Analyst: JT Mg/Kg-dry           PH Units         Prep Date: 1/24/2019         Analyst: RW   | Zinc                  | ND           | 0.050     |           | mg/L     | 5               | 1/29/2019     |
| Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB Mg/Kg-dry         1         1/29/2019           Cyanide, Total Cyanide         SW9012A ND         Prep Date: 1/27/2019         Analyst: MD Mg/Kg-dry         1         1/27/2019           PH (25 °C) Prep Date: 1/25/2019 PH Units         SW9045C PH Units         Prep Date: 1/25/2019 PH Units         Analyst: JT Mg/Kg-dry         Analyst: JT Mg/Kg-dry           PH Units         Prep Date: 1/24/2019         Analyst: RW   | TCLP Mercury          | SW13         | 311/7470A |           | Prep     | Date: 1/29/2019 | Analyst: LB   |
| Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total<br>Cyanide         SW9012A<br>ND         Prep Date: 1/27/2019         Analyst: MD<br>1/27/2019           pH (25 °C)<br>pH         SW9045C<br>PH Units         Prep Date: 1/25/2019         Analyst: JT<br>1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | <u>-</u>              | ND           | 0.00020   |           | •        |                 |               |
| Mercury         ND         0.022         mg/Kg-dry         1         1/29/2019           Cyanide, Total<br>Cyanide         SW9012A<br>ND         Prep Date: 1/27/2019         Analyst: MD<br>1/27/2019           pH (25 °C)<br>pH         SW9045C<br>PH Units         Prep Date: 1/25/2019         Analyst: JT<br>1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | Mercury               | SW74         | 171B      |           | Pren     | Date: 1/28/2019 | Analyst: LB   |
| Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | •                     | <del>-</del> |           | m         | •        |                 |               |
| pH (25 °C)         SW9045C         Prep Date: 1/25/2019 PH Units 1         Analyst: JT 1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019 Prep Date: 1/24/2019 Analyst: RW   | Cyanide, Total        | SW90         | 12A       |           | Prep     | Date: 1/27/2019 | Analyst: MD   |
| pH         8.05         pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | Cyanide               | ND           | 0.31      | m         | g/Kg-dry | 1               | 1/27/2019     |
| Percent Moisture D2974 Prep Date: 1/24/2019 Analyst: RW   | pH (25 °C)            | SW90         | 45C       |           | Prep     | Date: 1/25/2019 | <del>-</del>  |
| · · · · · · · · · · · · · · · · · · ·   | рН                    | 8.05         |           | р         | H Units  | 1               | 1/25/2019     |
| Percent Moisture 20.2 0.2 * wt% 1 1/25/2019   | Percent Moisture      | D2974        | 4         |           | Prep     | Date: 1/24/2019 | Analyst: RW   |
|   | Percent Moisture      | 20.2         | 0.2       | •         | wt%      | 1               | 1/25/2019     |

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

Franklin - EB Project:

Lab ID: 19010622-006

Client Sample ID: A-23 Collection Date: 1/23/2019 7:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q        | ualifier Units   | DF              | Date Analyze |
|---|--------|-------------|------------------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B   | Prep             | Date: 1/24/2019 | Analyst: MJ  |
| Acetone                                 | 0.18   | 0.085       | mg/Kg-dry        | 1               | 1/25/2019    |
| Benzene                                 | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Bromodichloromethane .                  | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Bromoform                               | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Bromomethane                            | ND     | 0.011       | mg/Kg-dry        | 1               | 1/25/2019    |
| 2-Butanone                              | ND     | 0.085       | mg/Kg-dry        | 1               | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.057       | mg/Kg-dry        | 1               | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Chloroethane                            | ND     | 0.011       | mg/Kg-dry        | 1               | 1/25/2019    |
| Chloroform                              | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Chloromethane                           | ND     | 0.011       | mg/Kg-dry        | 1               | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,1-Dichloroethene                      | ND -   | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0023      | mg/Kg-dry        | 1               | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0023      | mg/Kg-dry        | 1               | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.023       | mg/Kg-dry        | 1               | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.023       | .mg/Kg-dry       | 1               | 1/25/2019    |
| Methylene chloride                      | ND     | 0.011       | mg/Kg-dry        | 1               | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Styrene                                 | ND .   | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Tetrachloroethene                       | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Toluene                                 | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0057      | mg/Kg-dry        | 1               | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.017       | mg/Kg-dry        | 1               | 1/25/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW355 | <b>50B)</b> Prep | Date: 1/28/2019 | Analyst: FP  |
| Acenaphthene                            | ND     | 0.043       | mg/Kg-dry        | 1               | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.043       | mg/Kg-dry        | 1               | 1/29/2019    |

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

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R - RPD outside accepted recovery limits

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

ANALYTICAL RESULTS

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Franklin - EB

Lab ID:

19010622-006

Client Sample ID: A-23

Collection Date: 1/23/2019 7:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units   | DF              | Date Analyzed |
|---|--------|-----------|-----------|---------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | s SW82 | 270C (SW3 | 3550B)    | Prep    | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.43      | · mg      | /Kg-dry | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.43      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 1.1       | mg        | /Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.22      | · mg      | /Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1       | mg        | /Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND ND  | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.43      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.22      | mg        | /Kg-dry | 1 `             | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.22      | _         | /Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.22      | mg        | /Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.22      | - mg      | /Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.43      | -         | /Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.1       | mg        | /Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.043     | -         | /Kg-dry | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.043     | mg        | /Kg-dry | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.22      | -         | /Kg-dry | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.22      |           | /Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Lab ID:

Franklin - EB 19010622-006 Client Sample ID: A-23

Collection Date: 1/23/2019 7:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qua       | difier Units | DF              | Date Analyzed |
|---|--------|--------------|--------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550 | B) Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND .   | 0.22         | mg/Kg-dry    | , 1             | 1/29/2019     |
| Naphthalene                             | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | . 0.22       | mg/Kg-dry    | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.43         | mg/Kg-dry    | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.043        | mg/Kg-dry    | 1 .             | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.087        | mg/Kg-dry    | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.043        | mg/Kg-dry    | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.87         | mg/Kg-dry    | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.22         | mg/Kg-dry    | 1 .             | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.22         | mg/Kg-dry    | 1               | 1/29/2019     |
| PCBs                                    | SW80   | )82A (SW3550 | B) Prep      | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.10         | mg/Kg-dry    | 1               | 1/29/2019     |

Qualifiers:

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\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

Lab ID: 19010622-006

Client Sample ID: A-23

Collection Date: 1/23/2019 7:15:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifi      | er Units  | DF              | Date Analyzed |
|--------------------|--------|-----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 1081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-BHC          | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0021          | mg/Kg-dry | <sup>'</sup> 1  | 1/29/2019     |
| beta-BHC           | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | NĎ     | . 0.021         | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | · ND   | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0021          | mg/Kg-dry | 1-              | 1/29/2019     |
| Endosulfan II      | . ND   | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ·           | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0021          | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.043           | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SWe    | 6020A (SW3050B) | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 19000  | 23              | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | ND     | 2.3             | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 6.8    | 1.2             | mg/Kg-dry | 10              | 1/26/2019     |
| ' Barium           | 78     | 1.2             | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium ·        | 1.1    | 0.58            | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.58            | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 66000  | 69              | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 38     | 1.2             | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 27     | 1.2             | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 32     | 2.9             | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 34000  | 35              | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 20     | 0.58            | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 31000  | 35              | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | 500    | 1.2             | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 70     | 1.2             | mg/Kg-dry | 10 .            | 1/26/2019     |

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Date Reported: February 01, 2019 **Date Printed:** 

ANALYTICAL RESULTS

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Lab ID:

Franklin - EB

19010622-006

Client Sample ID: A-23

Collection Date: 1/23/2019 7:15:00 AM

Matrix: Soil

| Analyses              | Result  | · RL      | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|---------|-----------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | SW6     | 020A (SW  | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium             | 4900    | 35        |           | mg/Kg-dry | 10              | 1/26/2019     |
| Selenium              | 1.5     | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Silver                | ND      | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Sodium ·              | 200     | 69        |           | mg/Kg-dry | 10              | 1/26/2019     |
| Thallium              | ND      | 1.2       | •         | mg/Kg-dry | 10              | 1/26/2019     |
| Vanadium              | 37      | 1.2       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Zinc                  | 74      | 5.8       |           | mg/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1     | 311/6020A | (SW3005   | A) Prep   | Date: 1/29/2019 | Analyst: MDT  |
| Antimony              | ND      | 0.015     | ·         | mg/L      | 5               | 1/29/2019     |
| Arsenic               | ND      | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Barium                | . 0.74  | 0.050     |           | mg/L      | 5               | 1/29/2019     |
| Beryllium             | . ND    | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Cadmium ·             | ND      | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Chromium              | . ND    | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Cobalt                | - 0.034 | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Copper                | ND .    | 0.10      |           | mg/L      | 5               | 1/29/2019     |
| Iron                  | ND      | 0.25      |           | mg/L      | 5               | 1/29/2019     |
| Lead                  | ND      | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Manganese             | 2.1     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Nickel                | 0.081   | 0.020     |           | mg/L      | 5               | 1/29/2019     |
| Selenium              | , ND    | 0.010     | ·         | mg/L      | 5               | 1/29/2019     |
| Silver                | ND      | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Thallium              | ND      | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Vanadium              | ND      | 0.010     |           | mg/L      | • 5             | 1/29/2019     |
| Zinc                  | ND      | 0.050     |           | mg/L      | 5               | 1/29/2019     |
| TCLP Mercury          | SW1     | 311/7470A |           | Prep      | Date: 1/29/2019 | Analyst: LB   |
| Mercury               | ND      | 0.00020   |           | mg/L      | 1 1             | 1/29/2019     |
| Mercury               | SW7     | 471B      |           | Prep      | Date: 1/28/2019 | Analyst: LB   |
| Mercury               | 0.023   | 0.020     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Cyanide, Total        | - SW9   | 012A      |           | Prep      | Date: 1/27/2019 | Analyst: MD - |
| Cyanide               | ND      | 0.33      |           | mg/Kg-dry | 1               | 1/27/2019     |
| pH (25 °C)            | SW9     | 045C      |           |           | Date: 1/25/2019 |               |
| pН                    | 8.18    |           |           | pH Units  | 1               | 1/25/2019     |
| Percent Moisture      | D297    | -         |           | •         | Date: 1/24/2019 |               |
| Percent Moisture      | 23.5    | 0.2       | •         | wt% .     | 1               | 1/25/2019     |

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Client Sample ID: A-24

ANALYTICAL RESULTS

Date Reported: February 01, 2019 **Date Printed:** 

February 01, 2019

Environmental Group Services, Ltd. **Client:** 

Work Order: 19010622 Revision 1 Collection Date: 1/23/2019 7:30:00 AM

Franklin - EB Project: Matrix: Soil

Lab ID: 19010622-007

| Analyses                                | Result | RL Q       | ualifier <b>U</b> | J <b>nits</b> | DF              | Date Analyze |
|---|--------|------------|-------------------|---------------|-----------------|--------------|
| /olatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |                   | Prep          | Date: 1/24/2019 | Analyst: MJ  |
| Acetone                                 | 0.13   | 0.081      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Benzene                                 | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Bromodichloromethane                    | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Bromoform                               | ND     | 0.0054     | , mg              | /Kg-dry       | 1               | 1/25/2019    |
| Bromomethane                            | ND     | 0.011      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 2-Butanone                              | ND     | 0.081      | -                 | /Kg-dry       | 1 .             | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.054      | mg/               | /Kg-dry       | 1               | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Chloroethane                            | ND     | 0.011      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Chloroform                              | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Chloromethane                           | ND     | 0.011      | mg.               | /Kg-dry       | 1               | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0054     | mg/               | /Kg-dry       | 1               | 1/25/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0054     | mg/               | /Kg-dry       | 1               | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0021     | mg.               | /Kg-dry       | 1               | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0021     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.021      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.021      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Methylene chloride                      | ND     | 0.011      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Styrene                                 | ND     | 0.0054     | mg.               | /Kg-dry       | 1               | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0054     | mg/               | /Kg-dry       | 1               | 1/25/2019    |
| Tetrachloroethene                       | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Toluene                                 | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0054     | · mg/             | /Kg-dry       | 1 .             | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0054     | mg                | /Kg-dry       | 1               | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.016      | mg                | /Kg-dry       | 1               | 1/25/2019    |
| semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B)              | Prep          | Date: 1/28/2019 | •            |
| Acenaphthene                            | ND     | 0.040      | mg                | /Kg-dry       | 1               | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.040      | mg                | /Kg-dry       | 1               | 1/29/2019    |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Client:

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-007 Client Sample ID: A-24

Collection Date: 1/23/2019 7:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW | 3550B)    | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.41     | 'n        | ng/Kg-dry | 1 .             | 1/29/2019     |
| Anthracene                              | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | · ND   | 0.40     | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.040    | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.040    | . n       | ng/Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 1.0      | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | · 0.21   | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.40     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | · ND   | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.040    | п         | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21     | n         | ng/Kg-dry | 1 .             | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     | п         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0      | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.040    | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21     | n         | ng/Kg-dry | 1               | 1/29/2019     |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: F

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Lab ID:

Franklin - EB

19010622-007

Client Sample ID: A-24

Collection Date: 1/23/2019 7:30:00 AM

Matrix: Soil

| Analyses                               | Result  | RL Qualific    | er Units  | DF              | Date Analyzed |
|--|---------|----------------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/M | AS SW82 | 270C (SW3550B) | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                           | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Fluorene                               | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                      | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                    | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene              | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                       | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                 | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Isophorone                             | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                    | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                         | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                         | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                            | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                         | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                         | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                         | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                          | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                          | ND      | 0.40           | mg/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                           | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine              | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                 | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                 | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)          | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                      | ND      | 0.082          | mg/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                           | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Phenol                                 | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                 | ND      | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Pyridine                               | ND      | 0.82           | mg/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                 | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                  | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                  | ND      | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| PCBs                                   | SW80    | 82A (SW3550B)  | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                           | ND      | 0.10           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                           | ND      | 0.10           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                           | ND      | 0.10           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                           | ND      | 0.10           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                           | ND      | 0.10           | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                           | ND      | 0.10           | mg/Kg-dry | 1               | 1/29/2019     |
|  |         |                |           | 1               | 1/29/2019     |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

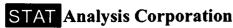
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19010

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-007 Client Sample ID: A-24

Collection Date: 1/23/2019 7:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualif      | ier Units | DF                     | Date Analyzed |
|--------------------|--------|----------------|-----------|------------------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/29/2019        | Analyst: GVC  |
| 4,4´-DDD           | NĎ     | 0.0020         | mg/Kg-dry | 1 ·                    | 1/29/2019     |
| 4,4'-DDE           | . ND   | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1                      | 1/29/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Endrin ·           | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1                      | 1/29/2019     |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1                      | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: <b>1/25/2019</b> | Analyst: MDT  |
| Aluminum           | 17000  | `22            | mg/Kg-dry | 10                     | 1/26/2019     |
| Antimony           | . ND   | 2.2            | mg/Kg-dry | 10                     | 1/26/2019     |
| Arsenic            | 6.1    | 1.1            | mg/Kg-dry | 10                     | 1/26/2019     |
| Barium             | 120    | 1.1            | mg/Kg-dry | 10                     | 1/26/2019     |
| Beryllium          | 0.98   | 0.55           | mg/Kg-dry | 10                     | 1/26/2019     |
| Cadmium            | ND     | 0.55           | mg/Kg-dry | 10                     | 1/26/2019     |
| Calcium            | 80000  | 65             | mg/Kg-dry | 10                     | 1/26/2019     |
| Chromium           | 33     | 1.1            | mg/Kg-dry | 10                     | 1/26/2019     |
| Cobalt             | 18     | 1.1            | mg/Kg-dry | 10                     | 1/26/2019     |
| Copper             | 37     | 2.7            | mg/Kg-dry | 10                     | 1/26/2019     |
| Iron               | 35000  | 33             | mg/Kg-dry | 10                     | 1/26/2019     |
| Lead               | 17     | 0.55           | mg/Kg-dry | 10                     | 1/26/2019     |
| Magnesium          | 39000  | 33             | mg/Kg-dry | 10                     | 1/26/2019     |
| Manganese          | 640    | 1.1            | mg/Kg-dry | 10                     | 1/26/2019     |
| Nickel             | . 50   | 1.1            | mg/Kg-dry | 10                     | 1/26/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-007 Client Sample ID: A-24

Collection Date: 1/23/2019 7:30:00 AM

Matrix: Soil

| Metals by ICP/IMS         SW6020A (SW3050B)         Prep Date: 1/25/2019 Date: 1/25/2019 Polassium         Analysi: MDT           Potassium         4000         33         mg/Kg-dry         10         1/26/2019 1/26/2019           Silver         ND         1.1         mg/Kg-dry         10         1/26/2019           Sodium         190         65         mg/Kg-dry         10         1/26/2019           Yanadium         32         1.1         mg/Kg-dry         10         1/26/2019           Vanadium         32         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.5         mg/Kg-dry         10         1/26/2019           Antimory         ND         0.015         mg/Kg-dry         10         1/26/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Beryllium         ND         0.000         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.010         mg/L <td< th=""><th>Analyses</th><th>Result</th><th>RL</th><th>Qualifier Units</th><th>DF</th><th>Date Analyzed</th></td<>  | Analyses              | Result            | RL       | Qualifier Units     | DF              | Date Analyzed |
|--|-----------------------|-------------------|----------|---------------------|-----------------|---------------|
| Selenium         ND         1.1         mg/Kg-dry         10         1/26/2019           Silver         ND         1.1         mg/Kg-dry         10         1/26/2019           Sodium         190         65         mg/Kg-dry         10         1/26/2019           Thallium         ND         1.1         mg/Kg-dry         10         1/26/2019           Vanadium         32         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.5         mg/Kg-dry         10         1/26/2019           TCLP Metals by ICP/MS         SW1311/6020A         (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimony         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Beryllium         ND         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.0050         mg/L         5  | Metals by ICP/MS      | SW602             | 20A (SW  | <b>3050B</b> ) Prep | Date: 1/25/2019 | Analyst: MDT  |
| Silver         ND         1.1         mg/Kg-dry         10         1/26/2019           Sodium         190         65         mg/Kg-dry         10         1/26/2019           Thallium         ND         1.1         mg/Kg-dry         10         1/26/2019           Vanadium         32         1.1         mg/Kg-dry         10         1/26/2019           Zinc         69         5.5         mg/Kg-dry         10         1/26/2019           TCLP Metals by ICP/MS         SW1311/6020A (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimony         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Arsenic         ND         0.050         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Gadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.0010         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019     <   | Potassium             | 4000              | 33       | mg/Kg-dry           | 10              | 1/26/2019     |
| Sodium   | Selenium ·            | ND                | 1.1      | mg/Kg-dry           | 10              | 1/26/2019     |
| Thailium   | Silver                | ND ND             | 1.1      | mg/Kg-dry           | 10              | 1/26/2019     |
| Vanadium   32   1.1   mg/Kg-dry   10   1/26/2019     Zinc  | Sodium                | 190               | 65       | mg/Kg-dry           | 10              | 1/26/2019     |
| Zinc         69         5.5         mg/Kg-dry         10         1/26/2019           TCLP Metals by ICP/MS         SW1311/6020A         (SW3005A)         Prep Date: 1/29/2019         Analyst: JG           Antimony         ND         0.015         mg/L         5         1/29/2019           Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019 </td <td>Thallium</td> <td>ND</td> <td>1.1</td> <td>mg/Kg-dry</td> <td>10</td> <td>1/26/2019</td>   | Thallium              | ND                | 1.1      | mg/Kg-dry           | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS         SW1311/6020A (SW3005A)         Prep Date: 1/29/2019         Analyst: JG 1/29/2019           Antimony Arsenic         ND 0.010 mg/L 5 1/29/2019         1/29/2019           Barium 0.83 0.050 mg/L 5 1/29/2019         1/29/2019           Beryllium ND 0.0050 mg/L 5 1/29/2019         1/29/2019           Cadmium ND 0.0050 mg/L 5 1/29/2019         1/29/2019           Chromium ND 0.010 mg/L 5 1/29/2019         1/29/2019           Cobalt 0.066 0.010 mg/L 5 1/29/2019         1/29/2019           Copper 0.12 0.10 mg/L 5 1/29/2019         1/29/2019           Iron ND 0.25 mg/L 5 1/29/2019         1/29/2019           Lead 0.014 0.0050 mg/L 5 1/29/2019         1/29/2019           Manganese 6.7 0.010 mg/L 5 1/29/2019         1/29/2019           Nickel 0.083 0.020 mg/L 5 1/29/2019         1/29/2019           Selenium ND 0.010 mg/L 5 1/29/2019         1/29/2019           Silver ND 0.010 mg/L 5 1/29/2019         1/29/2019           Thallium ND 0.050 mg/L 5 1/29/2019         1/29/2019           Vanadium ND 0.050 mg/L 5 1/29/2019         1/29/2019           Zinc ND 0.050 mg/L 5 1/29/2019         1/29/2019           TCLP Mercury ND 0.0020 mg/L 5 1/29/2019         Analyst: LB 1/29/2019           Mercury ND 0.026 mg/Kg-dny 1 1/29/2019         Analyst: LB 1/29/2019           Mercury 0.026 0.021 mg/Kg-dny 1   | Vanadium .            | 32                | 1.1      | mg/Kg-dry           | 10              | 1/26/2019     |
| Antimony Arsenic ND 0.015 Mg/L 5 1/29/2019 Arsenic ND 0.010 Mg/L 5 1/29/2019 Barium ND 0.083 0.050 Mg/L 5 1/29/2019 Beryllium ND 0.0050 Mg/L 5 1/29/2019 Cadmium ND 0.0050 Mg/L 5 1/29/2019 Cadmium ND 0.0050 Mg/L 5 1/29/2019 Chromium ND 0.010 Mg/L 5 1/29/2019 Cobalt 0.066 0.010 Mg/L 5 1/29/2019 Copper 0.12 0.10 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Iron ND 0.25 Mg/L 5 1/29/2019 Lead 0.014 0.0050 Mg/L 5 1/29/2019 Lead 0.014 0.0050 Mg/L 5 1/29/2019 Manganese 6.7 0.010 Mg/L 5 1/29/2019 Selenium ND 0.000 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Silver ND 0.010 Mg/L 5 1/29/2019 Thallium ND 0.0050 Mg/L 5 1/29/2019 Thallium ND 0.0050 Mg/L 5 1/29/2019 TCLP Mercury ND 0.0050 Mg/L 5 1/29/2019 TCLP Mercury ND 0.0050 Mg/L 5 1/29/2019 Analyst: LB Mercury ND 0.0026 0.021 Mg/Kg-dry 1 Analyst: LB Mercury ND 0.031 Mg/Kg-dry 1 Analyst: LB Mercury Analyst: LB Mercury ND 0.031 Mg/Kg-dry 1 Analyst: LB Mg/Kg-dry 1 Analyst: RW | Zinc                  | 69                | 5.5      | · mg/Kg-dry         | 10              | 1/26/2019     |
| Arsenic         ND         0.010         mg/L         5         1/29/2019           Barium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019  | TCLP Metals by ICP/MS | SW13 <sup>-</sup> | 11/6020A | (SW3005A) Prep      | Date: 1/29/2019 | Analyst: JG   |
| Banium         0.83         0.050         mg/L         5         1/29/2019           Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.050         mg/L         5         1/29/2019   | •                     | ND                | 0.015    | mg/L                | 5               | 1/29/2019     |
| Beryllium         ND         0.0050         mg/L         5         1/29/2019           Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Iron         ND         0.025         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Mickel         0.083         0.020         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           V  | Arsenic               | ND                | 0.010    | mg/L                | 5               | 1/29/2019     |
| Cadmium         ND         0.0050         mg/L         5         1/29/2019           Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury </td <td>Barium</td> <td>0.83</td> <td>0.050</td> <td>mg/L</td> <td>5</td> <td>1/29/2019</td>  | Barium                | 0.83              | 0.050    | mg/L                | 5               | 1/29/2019     |
| Chromium         ND         0.010         mg/L         5         1/29/2019           Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.010         mg/L         5         1/29/2019           Vanadium         ND         0.050         mg/L         5         1/29/2019           TC  | Beryllium             | ND                | 0.0050   | mg/L                | 5               | 1/29/2019     |
| Cobalt         0.066         0.010         mg/L         5         1/29/2019           Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.010         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.0020         mg/L         1         1/29/2019   | Cadmium               | ND                | 0.0050   | mg/L                | 5               | 1/29/2019     |
| Copper         0.12         0.10         mg/L         5         1/29/2019           Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.0020         mg/L         1         1/29/2019           Mercury         SW311/7470A         Prep Date: 1/28/2019         Analyst: LB         ND         0.026         0.021  | Chromium              | ND                | 0.010    | mg/L                | 5               | 1/29/2019     |
| Iron         ND         0.25         mg/L         5         1/29/2019           Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.0020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total   | Cobalt                | 0.066             | 0.010    | mg/L                | 5               | 1/29/2019     |
| Lead         0.014         0.0050         mg/L         5         1/29/2019           Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide Orbital <td< td=""><td>Copper</td><td>0.12</td><td>0.10</td><td>mg/L</td><td>5</td><td>1/29/2019</td></td<>  | Copper                | 0.12              | 0.10     | mg/L                | 5               | 1/29/2019     |
| Manganese         6.7         0.010         mg/L         5         1/29/2019           Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND<  | Iron                  | ND                | 0.25     | mg/L                | 5               | 1/29/2019     |
| Nickel         0.083         0.020         mg/L         5         1/29/2019           Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           PH         8.11         pH Units         1         1/25/2019         Analyst: JT           Percent Moisture  | Lead                  | 0.014             | 0.0050   | mg/L                | 5               | 1/29/2019     |
| Selenium         ND         0.010         mg/L         5         1/29/2019           Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         ND         0.050         mg/L         5         1/29/2019           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB mg/Kg-dry         1         1/29/2019           Cyanide, Total Cyanide         SW9012A         Prep Date: 1/27/2019         Analyst: MD mg/Kg-dry         1         1/27/2019           pH (25 °C) pH         SW9045C         Prep Date: 1/25/2019         Analyst: JT pH Units         1         1/25/2019           Percent Moisture   | Manganese             | 6.7               | 0.010    | mg/L                | 5               | 1/29/2019     |
| Silver         ND         0.010         mg/L         5         1/29/2019           Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH Units         1         1/25/2019         Analyst: RW  | Nickel .              | 0.083             | 0.020    | mg/L                | 5               | 1/29/2019     |
| Thallium         ND         0.0050         mg/L         5         1/29/2019           Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           PH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           PH (015s)         1         1/25/2019         Analyst: RW  | Selenium              | ND                | 0.010    | mg/L                | 5               | 1/29/2019     |
| Vanadium         ND         0.010         mg/L         5         1/29/2019           Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB           Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           PH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH         8.11         pH Units         1         1/25/2019           Percent Moisture  | Silver                | ND                | 0.010    | mg/L                | 5               | 1/29/2019     |
| Zinc         ND         0.050         mg/L         5         1/29/2019           TCLP Mercury<br>Mercury         SW1311/7470A<br>ND         Prep Date: 1/29/2019         Analyst: LB<br>1/29/2019           Mercury<br>Mercury         SW7471B<br>Mercury         Prep Date: 1/28/2019         Analyst: LB<br>1/29/2019           Cyanide, Total<br>Cyanide         SW9012A<br>ND         Prep Date: 1/27/2019         Analyst: MD<br>1/27/2019           PH (25 °C)<br>pH         SW9045C<br>8.11         Prep Date: 1/25/2019         Analyst: JT<br>PH Units         Analyst: JT<br>1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | Thallium              | ND                | 0.0050   | mg/L                | 5               | 1/29/2019     |
| TCLP Mercury         SW1311/7470A         Prep Date: 1/29/2019         Analyst: LB 1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB 1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB 1/29/2019           Cyanide, Total Cyanide         SW9012A         Prep Date: 1/27/2019         Analyst: MD 1/27/2019           Ph (25 °C) Prep Date: 1/25/2019         SW9045C         Prep Date: 1/25/2019         Analyst: JT 1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | Vanadium              | ND                | 0.010    | mg/L                | 5               | 1/29/2019     |
| Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH         8.11         pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | Zinc                  | ND                | 0.050    | mg/L                | 5               | 1/29/2019     |
| Mercury         ND         0.00020         mg/L         1         1/29/2019           Mercury         SW7471B         Prep Date: 1/28/2019         Analyst: LB           Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total         SW9012A         Prep Date: 1/27/2019         Analyst: MD           Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT           pH         8.11         pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | TCLP Mercury          | SW131             | 11/7470A | Prep                | Date: 1/29/2019 | Analyst: LB   |
| Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total<br>Cyanide         SW9012A<br>ND         Prep Date: 1/27/2019         Analyst: MD<br>1/27/2019           pH (25 °C)<br>pH         SW9045C<br>Prep Date: 1/25/2019         Prep Date: 1/25/2019         Analyst: JT<br>1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | · ·                   | ND                | 0.00020  | mg/L                | 1               | 1/29/2019     |
| Mercury         0.026         0.021         mg/Kg-dry         1         1/29/2019           Cyanide, Total<br>Cyanide         SW9012A<br>ND         Prep Date: 1/27/2019         Analyst: MD<br>1/27/2019           pH (25 °C)<br>pH         SW9045C<br>Prep Date: 1/25/2019         Prep Date: 1/25/2019         Analyst: JT<br>1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | Mercury               | SW747             | 71B      | Prep                | Date: 1/28/2019 | Analyst: LB   |
| Cyanide         ND         0.31         mg/Kg-dry         1         1/27/2019           pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT pH Units         1         1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW   | •                     | 0.026             | 0.021    | mg/Kg-dry           | 1               | •             |
| pH (25 °C)         SW9045C         Prep Date: 1/25/2019         Analyst: JT 1/25/2019           Percent Moisture         D2974         Prep Date: 1/24/2019         Analyst: RW  | Cyanide, Total        | SW901             | 12A      | Prep                | Date: 1/27/2019 | Analyst: MD   |
| pH 8.11 pH Units 1 1/25/2019  Percent Moisture D2974 Prep Date: 1/24/2019 Analyst: RW  | •                     | ND                | 0.31     | mg/Kg-dry           | 1               | 1/27/2019     |
| Percent Moisture D2974 Prep Date: 1/24/2019 Analyst: RW  | pH (25 °C)            | SW904             | 45C      | •                   |                 | · ·           |
| · · · · · · · · · · · · · · · · · ·  | рН                    | 8.11              |          | pH Units            | 1               | 1/25/2019     |
| Percent Moisture 20.3 0.2 * wt% 1 1/25/2019  | Percent Moisture      | D2974             |          | Prep                | Date: 1/24/2019 | •             |
|  | Percent Moisture      | 20.3              | 0.2      | * wt%               | 1               | 1/25/2019     |

· · ·

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

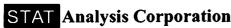
\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



Date Reported: February 01, 2019 February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

**Client:** Environmental Group Services, Ltd.

19010622 Revision 1

Work Order: Project:

Lab ID:

Franklin - EB 19010622-008 Client Sample ID: A-25

Collection Date: 1/23/2019 7:45:00 AM

Matrix: Soil

| Analyses                               | Result | RL (            | Qualifier | Units     | DF              | Date Analyze |
|--|--------|-----------------|-----------|-----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS    | SW5    | 035/8260B       |           | Prep      | Date: 1/24/2019 | Analyst: AE  |
| Acetone                                | ND     | 0.076           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Benzene                                | ND     | <b>/ 0.0051</b> | •         | mg/Kg-dry | 1               | 1/26/2019    |
| Bromodichloromethane                   | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Bromoform                              | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Bromomethane                           | ND     | 0.010           |           | mg/Kg-dry | 1               | 1/26/2019    |
| 2-Butanone                             | ND     | 0.076           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Carbon disulfide                       | ND     | 0.051           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Carbon tetrachloride                   | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Chlorobenzene                          | ND     | 0.0051          |           | mg/Kg-dry | `1              | 1/26/2019    |
| Chloroethane                           | ND     | 0.010           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Chloroform                             | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Chloromethane                          | ND     | 0.010           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Dibromochloromethane                   | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| 1,1-Dichloroethane                     | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| 1,2-Dichloroethane                     | ND     | 0.0051          |           | mg/Kg-dry | 1 ′             | 1/26/2019    |
| 1,1-Dichloroethene                     | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| cis-1,2-Dichloroethene                 | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| trans-1,2-Dichloroethene               | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| 1,2-Dichloropropane                    | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| cis-1,3-Dichloropropene                | ND     | 0.0020          |           | mg/Kg-dry | 1               | 1/26/2019    |
| trans-1,3-Dichloropropene              | ND     | 0.0020          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Ethylbenzene                           | ND     | 0.0051          |           | mg/Kg-dry | 1,              | 1/26/2019    |
| 2-Hexanone                             | ND     | 0.020           |           | mg/Kg-dry | 1               | 1/26/2019    |
| 4-Methyl-2-pentanone                   | ND     | 0.020           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Methylene chloride                     | ND     | 0.010           |           | mg/Kg-dry | 1               | 1/26/2019    |
| Methyl tert-butyl ether                | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Styrene                                | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| 1,1,2,2-Tetrachloroethane              | ND     | 0.0051          |           | mg/Kg-dry | 1 ,             | 1/26/2019    |
| Tetrachloroethene                      | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Toluene                                | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| 1,1,1-Trichloroethane                  | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| 1,1,2-Trichloroethane                  | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Trichloroethene                        | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Vinyl chloride                         | ND     | 0.0051          |           | mg/Kg-dry | 1               | 1/26/2019    |
| Xylenes, Total                         | ND     | 0.015           |           | mg/Kg-dry | 1               | 1/26/2019    |
| emivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35      | 550B)     | Prep      | Date: 1/28/2019 | Analyst: FP  |
| Acenaphthene                           | ND     | 0.037           |           | mg/Kg-dry | 1               | 1/29/2019    |
| Acenaphthylene                         | ND     | 0.037           |           | mg/Kg-dry | 1               | 1/29/2019    |

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

Qualifiers:

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

**Client:** Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

Franklin - EB **Project:** 

Lab ID: 19010622-008 Client Sample ID: A-25

Collection Date: 1/23/2019 7:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qu       | alifier Units | DF              | Date Analyzed |
|---|--------|-------------|---------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW355 | 0B) Prep      | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.37        | mg/Kg-dry     | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.37        | mg/Kg-dry     | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 0.92        | mg/Kg-dry     | <b>1</b>        | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.92        | mg/Kg-dry     | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.37        | mg/Kg-dry     | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.19 :      | mg/Kg-dry     | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.37        | mg/Kg-dry     | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 0.92        | mg/Kg-dry     | 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| 2.6-Dinitrotoluene                      | ND     | 0.037       | mg/Kg-dry     | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.19        | mg/Kg-dry     | 1               | 1/29/2019     |

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

**Lab ID:** 19010622-008

Client Sample ID: A-25
Collection Date: 1/23/2019 7:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q        | ualifier | Units     | DF              | Date Analyzed |
|---|--------|-------------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW355 | 50B)     | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND:    | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.19        | m        | ig/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.19        | m        | ig/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.037       | m        | ig/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.19        | m        | ig/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.19        | m        | ig/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.19        | m        | ig/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.37        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.19        | m        | ig/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.074       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.037       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.74        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.19        | m        | g/Kg-dry  | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.19        | , m      | g/Kg-dry  | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.19        | m        | ıg/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW80   | )82A (SW355 |          | •         | Date: 1/29/2019 | •             |
| Aroclor 1016                            | ND     | 0.091       | m        | ig/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.091       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.091       |          | g/Kg-dry  | 1 '             | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.091       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.091       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.091       | m        | g/Kg-dry  | 1               | 1/29/2019     |
| Aroclor 1260 l                          | ND     | 0.091       | m        | g/Kg-dry  | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environme

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Lab ID: Franklin - EB

19010622 Revision I

19010622-008

Client Sample ID: A-25

Collection Date: 1/23/2019 7:45:00 AM

Matrix: Soil

| Analyses           | Result | RL       | Qualifier | Units     | DF              | Date Analyzed |
|--------------------|--------|----------|-----------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW | 3550B)    | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0018   | •         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0018   |           | mg/Kg-dry | 1 .             | 1/29/2019     |
| alpha-BHC          | · ND   | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.018    |           | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | . ND   | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin             | · ND   | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0018   |           | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.037    |           | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Atuminum           | 13000  | 19       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | ND     | 1.9      |           | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 13     | 0.97     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Barium             | 39     | 0.97     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium          | 0.76   | 0.49     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.49     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 70000  | 58       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 26     | 0.97     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 17     | 0.97     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 33     | 2.4      |           | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 27000  | 29       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 16     | 0.49     |           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 35000  | 29       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | 520    | 0.97     | ÷         | mg/Kg-dry | 10              | 1/26/2019 ,   |
| Nickel .           | 44     | 0.97     |           | mg/Kg-dry | 10              | 1/26/2019     |

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Date Reported: February 01, 2019

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-008 **ANALYTICAL RESULTS** 

Client Sample ID: A-25

Collection Date: 1/23/2019 7:45:00 AM

Matrix: Soil

| Analyses              | Result   | RL C        | Qualifier Units | DF              | Date Analyzed |
|-----------------------|----------|-------------|-----------------|-----------------|---------------|
| Metals by ICP/MS      | ,<br>SW6 | 020A (SW30  | )50B) Pres      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium             | 3300     | 29          | mg/Kg-dry       |                 | 1/26/2019     |
| Selenium              | ND       | 0.97        | mg/Kg-dry       |                 | 1/26/2019     |
| Silver                | ND       | 0.97        | mg/Kg-dry       |                 | 1/26/2019     |
| Sodium                | 230      | 58          | mg/Kg-dry       |                 | 1/26/2019     |
| Thallium              | ND       | 0.97        | mg/Kg-dry       |                 | 1/26/2019     |
| Vanadium              | 26       | 0.97        | mg/Kg-dry       |                 | 1/26/2019     |
| Zinc                  | 57       | 4.9         | mg/Kg-dry       |                 | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1      | 311/6020A ( | SW3005A) Prej   | Date: 1/29/2019 | Analyst: JG   |
| Antimony              | ND       | 0.015       | mg/L            | 5               | 1/29/2019     |
| Arsenic               | ND       | 0.010       | mg/Ļ            | 5               | 1/29/2019     |
| Barium                | . 0.43   | 0.050       | mg/L            | 5               | 1/29/2019     |
| Beryllium             | ND       | 0.0050      | mg/L            | 5               | 1/29/2019     |
| Cadmium               | ND       | 0.0050      | mg/L            | 5               | 1/29/2019     |
| Chromium              | ND       | 0.010       | mg/L            | 5               | 1/29/2019     |
| Cobalt                | 0.095    | 0.010       | mg/L            | 5               | 1/29/2019     |
| Copper                | 0.16     | 0.10        | mg/L            | 5               | 1/29/2019     |
| Iron                  | ND       | 0.25        | mg/L            | 5               | 1/29/2019     |
| Lead                  | 0.013    | 0.0050      | mg/L            | 5               | 1/29/2019     |
| Manganese             | 6.3      | 0.010       | mg/L            | 5               | 1/29/2019     |
| Nickel                | 0.17     | 0.020       | mg/L            | <b>5</b> ,      | 1/29/2019     |
| Selenium              | ND       | 0.010       | mg/L            | 5               | 1/29/2019     |
| Silver                | ND       | 0.010       | mg/L            | 5               | 1/29/2019     |
| Thallium              | ND       | 0.0050      | mg/L            | 5               | 1/29/2019     |
| Vanadium              | ND       | 0.010       | mg/L            | 5               | 1/29/2019     |
| Zinc                  | 0.065    | · 0.050     | mg/L            | 5               | 1/29/2019     |
| CLP Mercury           | SW1      | 311/7470A   | Prej            | Date: 1/29/2019 | •             |
| Mercury               | ND ·     | 0.00020     | mg/L            | 1               | 1/29/2019     |
| Mercury               | SW7      |             | •               | Date: 1/28/2019 | •             |
| Mercury               | 0.025    | 0.017       | mg/Kg-dry       | 1               | 1/29/2019     |
| Cyanide, Total        | SW9      | 012A        | Prej            | Date: 1/27/2019 | •             |
| Cyanide               | ND       | 0.28        | mg/Kg-dry       | 1               | 1/27/2019     |
| оН (25 °C)            | SW9      | 045C        | Pre             | Date: 1/25/2019 | Analyst: JT   |
| pH                    | 7.77     |             | pH Units        | 1               | 1/25/2019     |
| Percent Moisture      | D297     |             |                 | Date: 1/24/2019 | •             |
| Percent Moisture      | 12.3     | 0.2         | * wt%           | 1               | 1/25/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

February 01, 2019

Date Frinted: Teoldary 01, 20

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-009

Client Sample ID: A-26

Collection Date: 1/23/2019 8:00:00 AM

**ANALYTICAL RESULTS** 

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF                         | Date Analyze |
|---|--------|------------|----------------|----------------------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Pre            | ep Date: 1/24/2019         | Analyst: AE  |
| Acetone                                 | ND     | 0.097      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Benzene                                 | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Bromodichloromethane                    | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Bromoform                               | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Bromomethane                            | ND     | 0.013      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 2-Butanone                              | ND     | 0.097      | mg/Kg-dr       | •                          | 1/26/2019    |
| Carbon disulfide                        | ND     | 0.065      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Carbon tetrachloride                    | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Chlorobenzene                           | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Chloroethane                            | ND     | 0.013      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Chloroform                              | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Chloromethane                           | ND     | 0.013      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Dibromochloromethane                    | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,2-Dichloropropane `                   | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0026     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0026     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Ethylbenzene                            | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 2-Hexanone                              | ND     | 0.026      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.026      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Methylene chloride                      | ND     | 0.013      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Styrene                                 | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Tetrachloroethene                       | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Toluene                                 | ND ·   | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0065     | mg/Kg-dr       |                            | 1/26/2019    |
| Trichloroethene                         | ND     | 0.0065     | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Vinyl chloride                          | ND     | 0.0065     | mg/Kg-dr       |                            | 1/26/2019    |
| Xylenes, Total                          | ND     | 0.019      | mg/Kg-dr       | y 1                        | 1/26/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B) Pre       | ep Date: <b>1/28/201</b> 9 | •            |
| Acenaphthene                            | ND     | 0.040      | mg/Kg-dr       | y 1                        | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.040      | mg/Kg-dr       | y 1                        | 1/29/2019    |

ND - Not Detected at the Reporting Limit

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\* - Non-accredited parameter

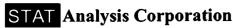
Qualifiers:

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: Febr

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-009 Client Sample ID: A-26

Collection Date: 1/23/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier Units | DF                | Date Analyze  |
|---|--------|-----------|-----------------|-------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3 | 550B) Pre       | ep Date: 1/28/201 | 9 Analyst: FP |
| Aniline                                 | ND     | 0.40      | mg/Kg-dr        | y 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.040     | mg/Kg-di        | y 1               | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.040     | mg/Kg-dı        | y ,1              | 1/29/2019     |
| Benzidine                               | ND     | 0.40      | mg/Kg-di        | y 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 0.99      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.20      | mg/Kg-dr        | y 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | . 0.20    | mg/Kg-dı        | y 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.99      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Carbazole                               | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.40      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20      | mg/Kg-di        | y 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.20      | mg/Kg-di        | y 1,              | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.20      | mg/Kg-dr        | y 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 0.99      | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.040     | mg/Kg-dı        | y 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.040     | mg/Kg-dı        | y 1 _             | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.20      | mg/Kg-dı        | y 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

**Client:** Work Order:

Environmental Group Services, Ltd.

19010622 Revision 1

Project: Lab ID: Franklin - EB

19010622-009

Client Sample ID: A-26

Collection Date: 1/23/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualit      | fier Units  | DF              | Date Analyzed |
|---|--------|----------------|-------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep        | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Fluorene `                              | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry   | 1 -             | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry   | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.080          | mg/Kg-dry   | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| Pyrene                                  | NĎ     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.80           | mg/Kg-dry   | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.20           | mg/Kg-dry   | 1 .             | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.20           | mg/Kg-dry   | 1               | 1/29/2019     |
| PCBs                                    |        | )82A (SW3550B) | Prep        | Date: 1/29/2019 | •             |
| Aroclor 1016                            | ND     | 0.098          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.098          | · mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.098          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.098          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.098          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.098          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.098          | mg/Kg-dry   | 1               | 1/29/2019     |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

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Environmental Group Services, Ltd.

Work Order:

Client:

Lab ID:

19010622 Revision 1

Project:

Franklin - EB 19010622-009 Client Sample ID: A-26

Collection Date: 1/23/2019 8:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qu       | alifier Units | DF           | Date Analyzed     |
|--------------------|--------|-------------|---------------|--------------|-------------------|
| Pesticides         | SW8    | 081B (SW355 | 0B) Prep      | Date: 1/29/  | 2019 Analyst: GVC |
| 4,4'-DDD           | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| 4,4'-DDE           | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| 4,4'-DDT           | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Aldrin             | ND -   | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| alpha-BHC          | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| alpha-Chlordane ·  | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| beta-BHC           | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Chlordane          | ND     | 0.020       | mg/Kg-dry     | 1            | 1/29/2019         |
| delta-BHC          | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Dieldrin           | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Endosulfan I       | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Endosulfan II      | ND     | 0.0020      | mg/Kg-dry     | 1            | . 1/29/2019       |
| Endosulfan sulfate | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Endrin             | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Endrin aldehyde    | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Endrin ketone      | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| gamma-BHC          | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| gamma-Chlordane    | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Heptachlor         | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Heptachlor epoxide | ND     | 0.0020      | mg/Kg-dry     | 1 .          | 1/29/2019         |
| Methoxychlor       | ND     | 0.0020      | mg/Kg-dry     | 1            | 1/29/2019         |
| Toxaphene          | ND     | 0.040       | mg/Kg-dry     | 1            | 1/29/2019         |
| Metals by ICP/MS   | SW6    | 020A (SW305 | OB) Prep      | Date: 1/25/2 | 2019 Analyst: MDT |
| Aluminum           | 12000  | 22          | mg/Kg-dry     | 10           | 1/26/2019         |
| Antimony           | ND     | 2.2         | mg/Kg-dry     | 10           | 1/26/2019         |
| Arsenic            | 13     | 1.1         | mg/Kg-dry     | 10           | 1/26/2019         |
| Barium             | 39     | 1.1         | mg/Kg-dry     | 10           | 1/26/2019         |
| Beryllium          | 0.76   | 0.55        | mg/Kg-dry     | 10           | 1/26/2019         |
| Cadmium            | ND     | 0.55        | mg/Kg-dry     | 10           | 1/26/2019         |
| Calcium            | 58000  | 66          | mg/Kg-dry     | 10           | 1/26/2019         |
| Chromium           | 23     | 1.1         | mg/Kg-dry     | 10           | 1/26/2019         |
| Cobalt             | 9.4    | 1.1         | mg/Kg-dry     | 10           | 1/26/2019         |
| Copper             | 45     | 2.7         | mg/Kg-dry     | 10           | 1/26/2019         |
| Iron               | 30000  | 33          | mg/Kg-dry     | 10           | 1/26/2019         |
| Lead               | 24     | 0.55        | mg/Kg-dry     | 10           | 1/26/2019         |
| Magnesium          | 29000  | 33          | mg/Kg-dry     | 10           | 1/26/2019         |
| Manganese          | 310    | 1.1         | mg/Kg-dry     | 10           | 1/26/2019         |
| Nickel             | 34     | 1.1         | mg/Kg-dry     | 10           | 1/26/2019         |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB 19010622-009 Client Sample ID: A-26

Collection Date: 1/23/2019 8:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier Un      | nits DF           | Date Analyzed     |
|-----------------------|--------|-----------|-------------------|-------------------|-------------------|
| Metals by ICP/MS      | SW6    | 020A (SW: | 3050B)            | Prep Date: 1/25/2 | 019 Analyst: MDT  |
| Potassium             | 2700   | 33        | mg/K              | •                 | 1/26/2019         |
| Selenium              | ND     | 1.1       | mg/K              |                   | 1/26/2019         |
| Silver                | ND     | 1.1       | mg/K              | g-dry 10          | 1/26/2019         |
| Sodium                | 200    | 66        | mg/K              | g-dry 10          | 1/26/2019         |
| Thallium              | ND     | 1.1       | mg/K              | g-dry 10          | 1/26/2019         |
| Vanadium              | 29     | 1.1       | mg/K              | g-dry 10          | 1/26/2019         |
| Zinc                  | 53     | 5.5       | mg/K              | g-dry 10          | 1/26/2019         |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A)         | Prep Date: 1/29/2 | 2019 Analyst: MDT |
| Antimony              | ND     | 0.015     | mg                | /L 5              | 1/29/2019         |
| Arsenic               | ND     | 0.010     | mg                | /L 5              | 1/29/2019         |
| Barium .              | 0.34   | 0.050     | mg                | /L 5              | 1/29/2019         |
| Beryllium             | ND     | 0.0050    | mg                | /L 5              | 1/29/2019         |
| Cadmium               | ND     | 0.0050    | mg                | /L 5              | 1/29/2019         |
| Chromium              | ND     | 0.010     | mg                | /L 5              | 1/29/2019         |
| Cobalt                | ND     | 0.010     | mg                | /L 5              | 1/29/2019         |
| Copper                | ND     | 0.10      | mg                | /L 5              | 1/29/2019         |
| Iron                  | ND     | 0.25      | mg                | /L 5              | 1/29/2019         |
| Lead                  | ND     | 0.0050    | mg                | /L 5              | 1/29/2019         |
| Manganese             | 0.90   | 0.010     | mg                | /L 5              | 1/29/2019         |
| Nickel                | ND     | 0.020     | mg                | /L 5              | 1/29/2019         |
| Selenium              | ND     | 0.010     | mg                | /L 5              | 1/29/2019         |
| Silver                | ND     | 0.010     | mg                | /L 5              | 1/29/2019         |
| Thallium              | ND     | 0.0050    | mg                | /L 5              | 1/29/2019         |
| Vanadium              | ND     | 0.010     | mg                | /L 5              | 1/29/2019         |
| Zinc                  | ND     | 0.050     | mg                | /L 5              | 1/29/2019         |
| TCLP Mercury          | SW1    | 311/7470A |                   | Prep Date: 1/29/2 |                   |
| Mercury               | ND     | 0.00020   | mg                | /L 1              | 1/29/2019         |
| Mercury               | SW7    | 471B      |                   | Prep Date: 1/28/2 | •                 |
| Mercury               | 0.027  | 0.023     | mg/K              | g-dry 1           | 1/29/2019         |
| Cyanide, Total        | SW9    |           |                   | Prep Date: 1/27/2 | -                 |
| Cyanide               | ND     | 0.31      | mg/K              | g-dry 1           | 1/27/2019         |
| pH (25 °C)            | SW9    | 045C      |                   | Prep Date: 1/25/2 | 019 Analyst: JT   |
| pH                    | 8.10   |           | pH U              | Inits 1           | 1/25/2019         |
| Percent Moisture      | D297   | 4         |                   | Prep Date: 1/24/2 | 019 Analyst: RW   |
| Percent Moisture      | 18.5   | 0.2       | * wt <sup>c</sup> | % 1               | 1/25/2019         |

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Date Reported: February 01, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-010 Client Sample ID: A-27

Collection Date: 1/23/2019 8:15:00 AM

Matrix: Soil

| Analyses                               | Result | RL Q        | ualifier Units | DF              | Date Analyzed |
|--|--------|-------------|----------------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS    | SW5    | 035/8260B   | Pre            | Date: 1/24/2019 | Analyst: AET  |
| Acetone                                | ND     | 0.082       | mg/Kg-dry      | 1               | 1/25/2019     |
| Benzene                                | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Bromodichloromethane                   | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Bromoform                              | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Bromomethane                           | ND     | 0.011       | mg/Kg-dry      | 1               | 1/25/2019     |
| 2-Butanone                             | ND     | 0.082       | mg/Kg-dry      | 1               | 1/25/2019     |
| Carbon disulfide                       | ND     | 0.054       | mg/Kg-dry      | 1               | 1/25/2019     |
| Carbon tetrachloride                   | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Chlorobenzene                          | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Chloroethane                           | ND     | 0.011       | mg/Kg-dry      | 1               | 1/25/2019     |
| Chloroform                             | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Chloromethane                          | ND     | 0.011       | mg/Kg-dry      | 1               | 1/25/2019     |
| Dibromochloromethane                   | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,1-Dichloroethane                     | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,2-Dichloroethane                     | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,1-Dichloroethene                     | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                 | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| trans-1,2-Dichloroethene               | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,2-Dichloropropane                    | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                | ND     | 0.0022      | mg/Kg-dry      | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene              | ND     | 0.0022      | mg/Kg-dry      | 1               | 1/25/2019     |
| Ethylbenzene                           | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 2-Hexanone                             | ND     | 0.022       | mg/Kg-dry      | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                   | ND     | 0.022       | mg/Kg-dry      | 1               | 1/25/2019     |
| Methylene chloride                     | ND     | 0.011       | mg/Kg-dry      | 1               | 1/25/2019     |
| Methyl tert-butyl ether                | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Styrene                                | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane              | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Tetrachloroethene                      | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Toluene                                | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane                  | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                  | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Trichloroethene                        | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Vinyl chloride                         | ND     | 0.0054      | mg/Kg-dry      | 1               | 1/25/2019     |
| Xylenes, Total                         | ND     | 0.016       | mg/Kg-dry      | 1               | 1/25/2019     |
| emivolatile Organic Compounds by GC/MS | SW82   | 270C (SW355 |                | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                           | ND     | 0.039       | mg/Kg-dry      | 1               | 1/29/2019     |
| Acenaphthylene                         | ND     | 0.039       | mg/Kg-dry      | 1               | 1/29/2019     |

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Qualifiers:

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Envi

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-010 Client Sample ID: A-27

Collection Date: 1/23/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units  | DF          | Date Analyzed       |
|---|--------|------------|-----------------|-------------|---------------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 | <b>50B)</b> Pre | p Date: 1/2 | 28/2019 Analyst: FP |
| Aniline                                 | ND     | 0.40       | mg/Kg-dry       | 1           | 1/29/2019           |
| Anthracene                              | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Benz(a)anthracene                       | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzidine                               | ND     | 0.39       | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzo(a)pyrene                          | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzo(b)fluoranthene                    | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzo(g,h,i)perylene                    | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzo(k)fluoranthene                    | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzoic acid                            | ND     | 0.99       | mg/Kg-dry       | 1           | 1/29/2019           |
| Benzyl alcohol                          | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Bis(2-chloroethoxy)methane              | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Bis(2-chloroethyl)ether                 | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.99       | mg/Kg-dry       | 1           | 1/29/2019           |
| 4-Bromophenyl phenyl ether              | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Butyl benzyl phthalate                  | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Carbazole                               | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 4-Chloroaniline                         | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 4-Chloro-3-methylphenol                 | ND     | 0.39       | mg/Kg-dry       | 1           | 1/29/2019           |
| 2-Chloronaphthalene                     | ND .   | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 2-Chlorophenol                          | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Chrysene                                | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Dibenz(a,h)anthracene                   | ND     | 0.039      | mg/Kg-dry       | 1           | 1/29/2019           |
| Dibenzofuran                            | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 1,2-Dichlorobenzene                     | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 1,3-Dichlorobenzene                     | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 1,4-Dichlorobenzene                     | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| 2,4-Dichlorophenol                      | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Diethyl phthalate                       | ND     | 0.20       | mg/Kg-dry       | 1 1         | 1/29/2019           |
| 2,4-Dimethylphenol                      | ND     | 0.20       | mg/Kg-dry       | 1           | 1/29/2019           |
| Dimethyl phthalate                      | ND     | 0.20       | mg/Kg-dry       |             | 1/29/2019           |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.39       | mg/Kg-dry       | 1           | 1/29/2019           |
| 2,4-Dinitrophenol                       | ND     | 0.99       | mg/Kg-dry       |             | 1/29/2019           |
| 2,4-Dinitrotoluene                      | ND     | 0.039      | mg/Kg-dry       |             | 1/29/2019           |
| 2,6-Dinitrotoluene                      | ND     | 0.039      | mg/Kg-dry       |             | 1/29/2019           |
| Di-n-butyl phthalate                    | ND     | 0.20       | · mg/Kg-dry     |             | 1/29/2019           |
| Di-n-octyl phthalate                    | ND     | 0.20       | mg/Kg-dry       |             | 1/29/2019           |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

\_\_\_\_\_

Client: Work Order: Environmental Group Services, Ltd.

WOIR OIG

19010622 Revision 1

Project: Lab ID: Franklin - EB

D 11: DD

19010622-010

Client Sample ID: A-27

cheme Sample 1D. 11-27

Collection Date: 1/23/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 | 50B)     | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.20       |          | mg/Kg-dry | 1 .             | 1/29/2019     |
| Naphthalene                             | ND ·   | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.20       |          | mg/Kg-dry | 1 .             | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | · 0.20     |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.39       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.039      |          | mg/Kg-dry | 1 ·             | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.080      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene .                          | ND     | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND ·   | 0.039      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.80       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND '   | 0.20       |          | mg/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW80   | )82A (SW35 | 50B)     | Prep      | Date: 1/29/2019 | •             |
| Aroclor 1016                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.095      |          | mg/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-010

Client Sample ID: A-27

Collection Date: 1/23/2019 8:15:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4´-DDE           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin .           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.019,         | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND -   | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.039          | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 15000  | 22             | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | ND     | 2.2            | mg/Kg-dry | ` 10            | 1/26/2019     |
| Arsenic            | 8.0    | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Barium             | 63     | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium          | 0.86   | 0.54           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.54           | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 71000  | 65             | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 30     | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 16     | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 32     | 2.7            | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 28000  | 33             | mg/Kg-dry | 10              | 1/26/2019     |
| Lead '             | 15     | 0.54           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 35000  | 33             | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | 530    | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 44     | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |

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Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

Environmental Group Services, Ltd. Client:

Work Order: 19010622 Revision 1

Franklin - EB Project:

Lab ID: 19010622-010

Client Sample ID: A-27

Collection Date: 1/23/2019 8:15:00 AM

Matrix: Soil

| Analyses              | Result | RL           | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|--------|--------------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | - SW60 | )<br>20A (SW | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium             | 3900   | `33          | •         | mg/Kg-dry | 10              | 1/26/2019     |
| Selenium              | ND     | 1.1          | 1         | mg/Kg-dry | 10              | 1/26/2019     |
| Silver                | ND     | 1.1          |           | mg/Kg-dry | 10              | 1/26/2019     |
| Sodium                | 360    | 65           | 1         | mg/Kg-dry | 10              | 1/26/2019     |
| Thallium              | ND     | 1.1          | 1         | mg/Kg-dry | 10              | 1/26/2019     |
| Vanadium              | 30     | 1.1          |           | mg/Kg-dry | 10              | 1/26/2019     |
| Zinc                  | 60     | 5.4          | ı         | mg/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1:   | 311/6020A    | (SW3005   | A) Prep   | Date: 1/29/2019 | Analyst: JG   |
| Antimony              | ND     | 0.015        |           | mg/L      | 5               | 1/29/2019     |
| Arsenic               | ND     | 0.010        |           | mg/L      | 5               | 1/29/2019     |
| Barium                | 0.77   | 0.050        |           | mg/L      | 5               | 1/29/2019     |
| Beryllium             | ND     | 0.0050       |           | mg/L      | 5               | 1/29/2019     |
| Cadmium               | ND     | 0.0050       | ,         | mg/L      | 5               | 1/29/2019     |
| Chromium              | ND     | 0.010        |           | mg/L      | 5               | 1/29/2019     |
| Cobalt                | 0.037  | 0.010        | •         | mg/L      | 5               | 1/29/2019     |
| Copper                | ND     | 0.10         |           | mg/L      | 5               | 1/29/2019     |
| Iron                  | 0.44   | 0.25         |           | mg/L      | 5               | 1/29/2019     |
| Lead                  | ND     | 0.0050       |           | mg/L      | 5               | 1/29/2019     |
| Manganese             | 4.7    | 0.010        |           | mg/L      | 5               | 1/29/2019     |
| Nickel                | 0.020  | 0.020        |           | mg/L      | 5               | 1/29/2019     |
| Selenium              | ND     | 0.010        |           | mg/L      | 5               | 1/29/2019     |
| Silver                | ND     | 0.010        |           | mg/L      | 5               | 1/29/2019     |
| Thallium              | ND     | 0.0050       |           | mg/L      | 5               | 1/29/2019     |
| Vanadium              | ND     | 0.010        |           | mg/L      | 5               | 1/29/2019     |
| Zinc                  | ND     | 0.050        |           | mg/L      | 5               | 1/29/2019     |
| TCLP Mercury          | SW13   | 311/7470A    |           | Prep      | Date: 1/29/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020      |           | mg/L      | 1               | 1/29/2019     |
| Mercury               | SW74   | 171B         |           | Prep      | Date: 1/28/2019 | Analyst: LB   |
| Mercury               | 0.026  | 0.020        | ı         | mg/Kg-dry | . 1             | 1/29/2019     |
| Cyanide, Total        | SW90   | )12A         |           | Prep      | Date: 1/27/2019 |               |
| Cyanide               | ND     | 0.30         | •         | mg/Kg-dry | 1               | 1/27/2019     |
| pH (25 °C)            | SW90   | )45C         |           | •         | Date: 1/25/2019 | •             |
| рН                    | 7.65   |              |           | pH Units  | 1               | 1/25/2019     |
| Percent Moisture      | D297   |              |           | •         | Date: 1/24/2019 | Analyst: RW   |
| Percent Moisture      | 16.2   | 0.2          | •         | wt%       | 1               | 1/25/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Lab ID:

Franklin - EB 19010622-011 Client Sample ID: A-28

Collection Date: 1/23/2019 8:30:00 AM

Matrix: Soil

| Analyses                               | Result | RL Q       | ualifier Ur | nits  | DF              | Date Analyzed |
|--|--------|------------|-------------|-------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS    | SW5    | 035/8260B  |             | Prep  | Date: 1/24/2019 | Analyst: AET  |
| Acetone                                | ND     | 0.071      | mg/K        | g-dry | 1               | 1/25/2019     |
| Benzene                                | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Bromodichloromethane                   | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Bromoform                              | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Bromomethane                           | ND     | 0.0094     | mg/K        | g-dry | 1               | 1/25/2019     |
| 2-Butanone                             | ND     | 0.071      | mg/K        | g-dry | 1               | 1/25/2019     |
| · Carbon disulfide                     | ND     | 0.047      | mg/K        | g-dry | 1               | 1/25/2019     |
| Carbon tetrachloride                   | ND     | 0.0047     | mg/K        | g-dry | 1 .             | 1/25/2019     |
| Chlorobenzene                          | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Chloroethane                           | ND     | 0.0094     | mg/K        | g-dry | 1               | 1/25/2019     |
| Chloroform                             | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Chloromethane                          | ND     | 0.0094     | mg/K        | g-dry | 1               | 1/25/2019     |
| Dibromochloromethane                   | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,1-Dichloroethane                     | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,2-Dichloroethane                     | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,1-Dichloroethene                     | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                 | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| trans-1,2-Dichloroethene               | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,2-Dichloropropane                    | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                | ND     | 0.0019     | mg/K        | g-dry | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene              | ND     | 0.0019     | mg/K        | g-dry | 1               | 1/25/2019     |
| Ethylbenzene                           | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 2-Hexanone                             | ND     | 0.019      | mg/K        | g-dry | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                   | ND     | 0.019      | mg/K        | g-dry | 1               | 1/25/2019     |
| Methylene chloride                     | ND     | 0.0094     | mg/K        | g-dry | 1               | 1/25/2019     |
| Methyl tert-butyl ether                | · ND   | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Styrene                                | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane              | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Tetrachloroethene                      | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Toluene                                | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane                  | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                  | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Trichloroethene                        | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Vinyl chloride                         | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019     |
| Xylenes, Total                         | ND     | 0.014      | mg/K        | -     | 1               | 1/25/2019     |
| Semivolatile Organic Compounds by GC/M |        | 270C (SW35 | •           | •     | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                           | ND     | 0.038      | mg/K        | •     | 1               | 1/29/2019     |
| Acenaphthylene                         | ND     | 0.038      | mg/K        | g-dry | 1               | 1/29/2019     |

ND - Not Detected at the Reporting Limit

Qualifiers:

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HT - Sample received past holding time

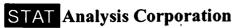
\* - Non-accredited parameter

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R - RPD outside accepted recovery limits

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

**Lab ID:** 19010622-011

Client Sample ID: A-28

Collection Date: 1/23/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier | Units    | DF                     | Date Analyzed |
|---|--------|----------|-----------|----------|------------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW | 3550B)    | Prep     | Date: <b>1/28/2019</b> | Analyst: FP   |
| Aniline                                 | ND     | 0.38     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Anthracene                              | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.038    | · m       | g/Kg-dry | 1                      | 1/29/2019     |
| Benzidine                               | ND     | 0.38     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benzoic acid                            | ND     | 0.96     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.20     | m         | g/Kg-dry | 1 ·                    | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.96     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | · 0.20   | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Carbazole                               | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.38     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Chrysene                                | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.038    | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.20     |           | g/Kg-dry | 1                      | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.20     |           | g/Kg-dry | 1                      | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.20     | m         | g/Kg-dry | 1                      | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.38     |           | g/Kg-dry | 1                      | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 0.96     |           | g/Kg-dry | 1                      | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.038    |           | g/Kg-dry | 1                      | 1/29/2019     |
| 2.6-Dinitrotoluene                      | ND     | 0.038    |           | g/Kg-dry | 1                      | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.20     |           | g/Kg-dry | 1 .                    | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.20     |           | g/Kg-dry | 1                      | 1/29/2019     |

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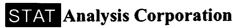
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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-011 Client Sample ID: A-28

**Collection Date:** 1/23/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units    | DF              | Date Analyzed |
|---|--------|-----------|-----------|----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3 | 3550B)    | Prep     | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.038     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.038     | · mg      | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.20      | m         | g/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.20      | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.038     | m         | g/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.20      | . mg      | g/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene '                   | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.20      | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.038     | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.38      | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.038     | mç        | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.038     | mç        | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.077     | mç        | g/Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.038     | mç        | g/Kg-dry | 1               | 1/29/2019     |
| Phenol ·                                | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019 .   |
| Pyrene                                  | ND     | 0.038     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND ·   | 0.77      | mg        | g/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20      | mç        | g/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.20      | mç        | /Kg-dry  | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.20      | mą        | g/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW3 | 550B)     | Prep     | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.093     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.093     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.093     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.093     | mę        | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.093     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.093     | mg        | g/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.093     | mg        | g/Kg-dry | 1               | 1/29/2019     |

Qualifiers:

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-011

Collection Date: 1/23/2019 8:30:00 AM

Matrix: Soil

Client Sample ID: A-28

| Analyses           | Result | RL Qualifi     | er Units  | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDT           | ND .   | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0019         | mg/Kg-dry | ، <b>1</b>      | 1/29/2019     |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | , 1             | 1/29/2019     |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | · ND   | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.039          | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 14000  | 21             | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | . ND   | 2.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 7.0    | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Barium             | 73     | 1.1            | mg/Kg-dry | 10 ·            | 1/26/2019     |
| Beryllium          | 0.83   | 0.54           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.54           | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 76000  | 64             | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 34     | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | ·14    | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 30     | 2.7            | mg/Kg-dry | 10              | 1/26/2019     |
| Iron               | 32000  | 32             | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 17     | 0.54           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 37000  | 32             | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese          | ' 490  | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 44     | 1.1            | mg/Kg-dry | 10              | 1/26/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client: Work Order: Environmental Group Services, Ltd.

19010622 Revision 1

Project:

Lab ID:

Franklin - EB 19010622-011

Client Sample ID: A-28

Collection Date: 1/23/2019 8:30:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium             | 3200   | 32        | n         | ig/Kg-dry | 10              | 1/26/2019     |
| Selenium              | ND     | 1.1       |           | ig/Kg-dry | 10              | 1/26/2019     |
| Silver                | ND     | 1.1       | n         | ig/Kg-dry | <sub>.</sub> 10 | 1/26/2019     |
| Sodium                | 350    | 64        | m         | ng/Kg-dry | 10              | 1/26/2019     |
| Thallium              | ND     | 1.1       | m         | ng/Kg-dry | 10              | 1/26/2019     |
| Vanadium ·            | 28     | 1.1       | n         | ng/Kg-dry | 10              | 1/26/2019     |
| Zinc                  | 63     | 5.4       | m         | ng/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A  | ) Prep    | Date: 1/29/2019 | Analyst: MDT  |
| Antimony,             | ND     | 0.015     | ·         | mg/L      | 5               | 1/29/2019     |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Barium                | . 0.53 | 0.050     |           | mg/L      | 5               | 1/29/2019     |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Cobalt                | 0.017  | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Copper                | ND     | 0.10      | •         | mg/L      | 5               | 1/29/2019     |
| Iron                  | 1.5    | 0.25      |           | mg/L      | 5               | 1/29/2019     |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Manganese             | 3.5    | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Nickel                | ND     | 0.020     |           | mg/L      | 5               | 1/29/2019     |
| Selenium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Silver                | ND .   | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5               | 1/29/2019     |
| TCLP Mercury          | SW1    | 311/7470A |           | Pren      | Date: 1/29/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1               | 1/29/2019     |
| Mercury               | SW7    | 471B      |           | Pren      | Date: 1/28/2019 | Analyst: LB   |
| Mercury               | 0.027  | 0.023     | m         | ıg/Kg-dry | 1               | 1/29/2019     |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/27/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.29      | m         | ig/Kg-dry | 1               | 1/27/2019     |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/25/2019 | Analyst: JT   |
| рН                    | 7.81   |           | ı         | oH Units  | 1               | 1/25/2019     |
| Percent Moisture      | D297   | 74        |           | Prep      | Date: 1/24/2019 | Analyst: RW   |
| Percent Moisture      | 15.1   | 0.2       | •         | wt%       | 1               | 1/25/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

Client:

**Lab ID:** 19010622-012

**ANALYTICAL RESULTS** 

Client Sample ID: A-29

Collection Date: 1/23/2019 8:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | Qualifie | Units     | DF              | Date Analyze |
|---|--------|------------|----------|-----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep      | Date: 1/24/2019 | Analyst: AE  |
| Acetone                                 | ND     | 0.075      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Benzene                                 | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Bromodichloromethane                    | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Bromoform                               | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Bromomethane                            | ND     | 0.010      |          | mg/Kg-dry | 1               | 1/25/2019    |
| 2-Butanone                              | ND     | 0.075      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.050      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Chloroethane                            | ND     | 0.010      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Chloroform                              | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Chloromethane                           | ND     | 0.010      |          | mg/Kg-dry | 1 .             | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| trans-1,2-Dichloroethene                | ·ND    | 0.0050     |          | mg/Kg-dry | 1               | . 1/25/2019  |
| 1,2-Dichloropropane                     | · ND   | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0020     |          | mg/Kg-dry | 1               | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0020     |          | mg/Kg-dry | 1 .             | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.020      |          | mg/Kg-dry | 1               | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.020      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Methylene chloride                      | ND     | 0.010      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Styrene                                 | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Tetrachloroethene                       | · ND   | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Toluene                                 | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0050     |          | mg/Kg-dry | 1               | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.015      |          | mg/Kg-dry | 1               | 1/25/2019    |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | 50B)     | Prep      | Date: 1/28/2019 | Analyst: FP  |
| Acenaphthene                            | ND     | 0.040      |          | mg/Kg-dry | 1               | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.040      |          | mg/Kg-dry | 1               | 1/29/2019    |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-012

Client Sample ID: A-29

Collection Date: 1/23/2019 8:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |  |
|---|--------|-----------|-----------|-----------|-----------------|---------------|--|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3 | 550B)     | Prep      | Date: 1/28/2019 | Analyst: FP   |  |
| Aniline                                 | ND     | 0.41      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Anthracene                              | ND     | 0.040     | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benz(a)anthracene                       | ND     | 0.040     | u         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzidine                               | ND     | 0.40      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzo(a)pyrene                          | ND     | 0.040     | п         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzo(b)fluoranthene                    | ND     | 0.040     | п         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzo(g,h,i)perylene                    | ND     | 0.040     | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzo(k)fluoranthene                    | ND     | 0.040     | п         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzoic acid                            | ND     | 1.0       | п         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Benzyl alcohol                          | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | п         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | m         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Butyl benzyl phthalate                  | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Carbazole                               | ND     | 0.21      | ıπ        | ng/Kg-dry | 1               | 1/29/2019     |  |
| 4-Chloroaniline                         | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 4-Chloro-3-methylphenol                 | ND     | 0.40      | m         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2-Chloronaphthalene                     | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2-Chlorophenol                          | ND     | 0.21      | п         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | m         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Chrysene                                | ND     | 0.040     | m         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Dibenz(a,h)anthracene                   | ND     | 0.040     | m         | ng/Kg-dry | 1               | 1/29/2019     |  |
| Dibenzofuran                            | ND     | 0.21      | m         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 1,2-Dichlorobenzene                     | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | n         | ng/Kg-dry | 1               | 1/29/2019     |  |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2,4-Dichlorophenol                      | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| Diethyl phthalate                       | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2,4-Dimethylphenol                      | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| Dimethyl phthalate                      | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2,4-Dinitrophenol                       | ND     | 1.0       |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2,4-Dinitrotoluene                      | ND     | 0.040     |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| 2.6-Dinitrotoluene                      | ND     | 0.040     |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| Di-n-butyl phthalate                    | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |
| Di-n-octyl phthalate .                  | ND     | 0.21      |           | ng/Kg-dry | 1               | 1/29/2019     |  |

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Date Reported: February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB 19010622-012 Client Sample ID: A-29

Collection Date: 1/23/2019 8:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL C       | ualifier Units    | DF              | Date Analyzed |
|---|--------|------------|-------------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | <b>550B)</b> Prep | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.040      | mg/Kg-dry         | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.040      | mg/Kg-dry         | 1 '             | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21       | mg/Kg-dry         | 1,              | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040      | mg/Kg-dry         | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.040      | · mg/Kg-dry       | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND \   | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.40       | mg/Kg-dry         | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.040      | mg/Kg-dry         | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040      | mg/Kg-dry         | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | `0.21      | mg/Kg-dry         | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.082      | mg/Kg-dry         | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.040      | mg/Kg-dry         | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.040      | mg/Kg-dry         | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.82       | mg/Kg-dry         | j. <b>1</b>     | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | mg/Kg-dry         | <b>1</b>        | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | mg/Kg-dry         | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW35 | <b>50B)</b> Prep  | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.097      | mg/Kg-dry         | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | · 0.097    | mg/Kg-dry         | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.097      | mg/Kg-dry         | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.097      | mg/Kg-dry         | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.097      | mg/Kg-dry         | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.097      | mg/Kg-dry         | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.097      | mg/Kg-dry         | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-012

Client Sample ID: A-29

Collection Date: 1/23/2019 8:45:00 AM

Matrix: Soil

| Analyses           | Result | RL Q         | ualifier Units | DF              | Date Analyzed |
|--------------------|--------|--------------|----------------|-----------------|---------------|
| Pesticides         | SW8    | 1081B (SW355 | 50B) Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | · ND   | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Aldrin             | ' ND   | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| alpha-BHC          | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.019        | mg/Kg-dry      | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Endosulfan I       | . ND   | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Endrin             | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0019       | mg/Kg-dry      | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.040        | mg/Kg-dry      | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW305  | i0B) Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 16000  | 22           | mg/Kg-dry      | 10              | 1/26/2019     |
| Antimony           | ND     | 2.2          | mg/Kg-dry      | 10              | 1/26/2019     |
| Arsenic            | 11     | 1.1          | mg/Kg-dry      | 10              | 1/26/2019     |
| Barium             | 69     | 1.1          | mg/Kg-dry      | 10              | 1/26/2019     |
| Beryllium          | 0.88   | 0.55         | mg/Kg-dry      | 10              | 1/26/2019     |
| Cadmium            | ND     | . 0.55       | mg/Kg-dry      | 10              | 1/26/2019     |
| Calcium            | 97000  | 66           | mg/Kg-dry      | 10              | 1/26/2019     |
| Chromium           | 31     | 1.1          | mg/Kg-dry      | 10              | 1/26/2019     |
| Cobalt             | 21     | 1.1          | mg/Kg-dry      | 10              | 1/26/2019     |
| Copper .           | 39     | 2.8          | mg/Kg-dry      | 10              | 1/26/2019     |
| Iron               | 32000  | 33           | mg/Kg-dry      | 10              | 1/26/2019     |
| Lead               | 18     | 0.55 ·       | mg/Kg-dry      | 10              | 1/26/2019     |
| Magnesium          | 45000  | 33           | mg/Kg-dry      | 10              | 1/26/2019     |
| Manganese          | . 670  | 1.1          | mg/Kg-dry      | 10              | 1/26/2019     |
| Nickel             | 54     | 1.1          | mg/Kg-dry      | 10              | 1/26/2019     |

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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019 February 01, 2019

ANALYTICAL RESULTS

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Franklin - EB

Project: Lab ID:

19010622-012

Client Sample ID: A-29

Collection Date: 1/23/2019 8:45:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF                     | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|------------------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: <b>1/25/2019</b> | Analyst: MDT  |
| Potassium             | 3800   | 33        | ·         | ng/Kg-dry | 10                     | 1/26/2019     |
| Selenium              | 1.2    | 1.1       | r         | ng/Kg-dry | 10                     | 1/26/2019     |
| Silver                | ND     | 1.1       | n         | ng/Kg-dry | 10                     | 1/26/2019     |
| Sodium                | 240    | 66        | n         | ng/Kg-dry | 10                     | 1/26/2019     |
| Thallium              | ND     | 1.1       | n         | ng/Kg-dry | 10                     | 1/26/2019     |
| Vanadium              | 33     | 1.1       | n         | ng/Kg-dry | 10                     | 1/26/2019     |
| Zinc                  | 68     | 5.5       | r         | ng/Kg-dry | 10                     | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005/  | A) Prep   | Date: 1/29/2019        | Analyst: MDT  |
| Antimony              | ND     | 0.015     | •         | mg/L      | 5                      | 1/29/2019     |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Barium                | 0.52   | 0.050     |           | mg/L      | 5                      | 1/29/2019     |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5                      | 1/29/2019     |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5                      | 1/29/2019     |
| Chromium              | ND     | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Cobalt                | 0.063  | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Copper                | 0.14   | 0.10      |           | mg/L      | 5                      | 1/29/2019     |
| Iron                  | ND     | 0.25      |           | mg/L      | 5                      | 1/29/2019     |
| Lead                  | 0.0095 | 0.0050    |           | mg/L      | 5                      | 1/29/2019     |
| Manganese             | 5.2    | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Nickel                | 0.12   | 0.020     |           | mg/L      | 5                      | 1/29/2019     |
| Selenium              | ND     | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Silver                | ND     | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5                      | 1/29/2019     |
| Vanadium              | NĎ     | 0.010     |           | mg/L      | 5                      | 1/29/2019     |
| Zinc                  | 0.066  | 0.050     |           | mg/L      | 5                      | 1/29/2019     |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/29/2019        | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1                      | 1/29/2019     |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 1/28/2019        | Analyst: LB   |
| Mercury               | 0.029  | 0.022     | n         | ng/Kg-dry | 1                      | 1/29/2019     |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/27/2019        | Analyst: MD   |
| Cyanide               | ND     | 0.31      | n         | ng/Kg-dry | 1                      | 1/27/2019     |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 1/25/2019        | •             |
| рН                    | 7.91   |           | ٠         | pH Units  | • 1                    | 1/25/2019     |
| Percent Moisture      | D297   | 74        |           | Prep      | Date: 1/24/2019        | •             |
| Percent Moisture      | 18.6   | 0.2       | •         | wt%       | 1                      | 1/25/2019     |

Qualifiers:

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B - Analyte detected in the associated Method Blank

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\* - Non-accredited parameter

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Lab ID:

Franklin - EB

19010622-013

Client Sample ID: A-30

Collection Date: 1/23/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Un | its    | DF                     | Date Analyze |
|---|--------|------------|-------------|--------|------------------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |             | Prep [ | Date: <b>1/24/2019</b> | Analyst: AE  |
| Acetone                                 | ND     | 0.088      | mg/Kg       | g-dry  | 1 .                    | 1/25/2019    |
| Benzene                                 | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Bromodichloromethane                    | ND     | 0.0059     | . mg/Kg     | g-dry  | 1                      | 1/25/2019    |
| Bromoform                               | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Bromomethane                            | ND     | 0.012      | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 2-Butanone                              | ND     | 0.088      | mg/Kg       | g-dry  | 1 .                    | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.059      | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Chloroethane                            | ND     | 0.012      | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Chloroform                              | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Chloromethane                           | ND     | 0.012      | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0059     | mg/Kg       | j-dry  | 1                      | 1/25/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0059     | mg/Kg       | j-dry  | 1                      | 1/25/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0024     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0024     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.024      | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND     | 0.024      | mg/Kg       | j-dry  | 1                      | 1/25/2019    |
| Methylene chloride                      | ND     | 0.012      | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Styrene                                 | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Tetrachloroethene                       | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Toluene                                 | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0059     | mg/Kg       | g-dry  | 1,                     | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0059     | mg/Kg       | g-dry  | 1                      | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.018      | mg/Kg       | j-dry  | 1                      | 1/25/2019    |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B)        | Prep [ | Date: 1/28/2019        | Analyst: FP  |
| Acenaphthene                            | ND     | 0.041      | mg/Kg       | j-dry  | 1                      | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg       | j-dry  | 1                      | 1/29/2019    |

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Client: Work Order: Environmental Group Services, Ltd.

19010622 Revision 1

Project:

Lab ID:

Franklin - EB 19010622-013 Client Sample ID: A-30

Collection Date: 1/23/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qua       | alifier Units | DF                     | Date Analyzed |
|---|--------|--------------|---------------|------------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550 | )B) Prep      | Date: <b>1/28/2019</b> | Analyst: FP   |
| Aniline                                 | ND     | 0.41         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Anthracene                              | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzidine                               | ND     | 0.41         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzoic acid                            | ND     | 1.0          | mg/Kg-dry     | 1                      | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND ·   | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0          | mg/Kg-dry     | 1                      | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Carbazole                               | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.41         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Chrysene                                | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41         | mg/Kg-dry     | 1                      | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0          | mg/Kg-dry     | 1                      | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND     | 0.041        | mg/Kg-dry     | , 1                    | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.041        | mg/Kg-dry     | 1                      | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.21         | mg/Kg-dry     | 1                      | 1/29/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Date Filiteu: February Of

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB

**Lab ID:** 19010622-013

Client Sample ID: A-30

Collection Date: 1/23/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units   | DF              | Date Analyzed |
|---|--------|------------|------------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | <b>50B)</b> Prep | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.41       | mg/Kg-dry        | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | mg/Kg-dry        | 1 .             | 1/29/2019     |
| N-Nitrosodiphenylamine .                | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.082      | mg/Kg-dry        | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.041      | mg/Kg-dry        | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.82       | mg/Kg-dry        | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | mg/Kg-dry        | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW35 | <b>50B)</b> Prep | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.099      | mg/Kg-dry        | 1               | 1/29/2019     |

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Qualifiers:

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Date Reported: February 01, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB 19010622-013 Client Sample ID: A-30

Collection Date: 1/23/2019 9:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Quali      | ifier Units                   | DF          | Date Analyzed     |
|--------------------|--------|---------------|-------------------------------|-------------|-------------------|
| Pesticides         | SW8    | 081B (SW3550B | ) Prep                        | Date: 1/29/ | 2019 Analyst: GVC |
| 4,4'-DDD           | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| 4,4'-DDE           | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| 4,4´-DDT           | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Aldrin             | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| alpha-BHC          | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| alpha-Chlordane    | . ND   | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| beta-BHC           | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Chlordane          | , ND   | 0.020         | mg/Kg-dry                     | 1           | 1/29/2019         |
| delta-BHC          | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Dieldrin           | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Endosulfan I       | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Endosulfan II      | ND     | 0.0020        | . mg/Kg-dry                   | 1           | 1/29/2019         |
| Endosulfan sulfate | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Endrin             | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Endrin aldehyde    | ND ·   | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Endrin ketone      | ND     | 0.0020        | mg/Kg-dry                     | 1 ,         | 1/29/2019         |
| gamma-BHC          | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| gamma-Chlordane    | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Heptachlor ·       | ND     | 0.0020        | <ul> <li>mg/Kg-dry</li> </ul> | 1           | 1/29/2019         |
| Heptachlor epoxide | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Methoxychlor       | ND     | 0.0020        | mg/Kg-dry                     | 1           | 1/29/2019         |
| Toxaphene .        | ND     | 0.041         | mg/Kg-dry                     | 1           | 1/29/2019         |
| Metals by ICP/MS   | SW6    | 020A (SW3050B | ) Prep                        | Date: 1/25/ | 2019 Analyst: MDT |
| Aluminum           | 14000  | 22            | mg/Kg-dry                     | 10          | 1/26/2019         |
| Antimony           | ND     | 2.2           | mg/Kg-dry                     | 10          | 1/26/2019         |
| Arsenic            | 11     | 1.1           | mg/Kg-dry                     | 10          | 1/31/2019         |
| Barium             | 46     | 1.1           | mg/Kg-dry                     | 10          | 1/26/2019         |
| Beryllium          | 0.95   | 0.55          | mg/Kg-dry                     | 10          | 1/26/2019         |
| Cadmium            | ND     | 0.55          | mg/Kg-dry                     | 10          | 1/26/2019         |
| Calcium            | 54000  | 66            | mg/Kg-dry                     | 10          | 1/26/2019         |
| Chromium           | 27     | 1.1           | mg/Kg-dry                     | 10          | 1/26/2019         |
| Cobalt             | 18     | 1.1           | mg/Kg-dry                     | 10          | 1/26/2019         |
| Copper             | 54     | 2.8           | mg/Kg-dry                     | 10          | 1/26/2019         |
| Iron               | 39000  | 33            | mg/Kg-dry                     | 10          | 1/26/2019         |
| Lead               | 26     | 0.55          | mg/Kg-dry                     | 10          | 1/26/2019         |
| Magnesium          | 27000  | 33            | mg/Kg-dry                     | 10          | 1/26/2019         |
| Manganese          | 450    | 1.1 +         | mg/Kg-dry                     | 10          | 1/26/2019         |
| Nickel             | 57     | 1.1           | mg/Kg-dry                     | 10          | 1/26/2019         |

Qualifiers:

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\* - Non-accredited parameter

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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019 February 01, 2019 **ANALYTICAL RESULTS** 

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB 19010622-013 Client Sample ID: A-30

Collection Date: 1/23/2019 9:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF              | Date Analyze |
|-----------------------|--------|-----------|-----------|-----------|-----------------|--------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MD  |
| Potassium             | 3000   | 33        | , w       | ig/Kg-dry | 10              | 1/26/2019    |
| Selenium              | 1.9    | 1.1       | m         | ig/Kg-dry | 10              | 1/26/2019    |
| Silver                | ND     | 1.1       | m         | g/Kg-dry  | 10              | 1/26/2019    |
| Sodium                | 680    | 66        | m         | ıg/Kg-dry | 10              | 1/26/2019    |
| Thallium              | ND     | 1.1       | m         | g/Kg-dry  | 10              | 1/26/2019    |
| Vanadium              | 31     | 1.1       | m         | g/Kg-dry  | 10              | 1/26/2019    |
| Zinc                  | 98     | 5.5       | m         | ig/Kg-dry | 10              | 1/26/2019    |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A  | ) Prep    | Date: 1/29/2019 | Analyst: MD  |
| Antimony              | ND     | 0.015     |           | mg/L      | 5 ,             | 1/29/2019    |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Barium                | 0.55   | 0.050     |           | mg/L      | 5               | 1/29/2019    |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019    |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019    |
| Chromium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Cobalt                | 0.038  | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Copper                | ND     | 0.10      |           | mg/L      | 5               | 1/29/2019    |
| Iron                  | 0.28   | 0.25      |           | mg/L      | 5               | 1/29/2019    |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019    |
| Manganese             | 4.8    | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Nickel                | 0.043  | 0.020     |           | mg/L      | 5               | 1/29/2019    |
| Selenium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Silver                | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019    |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019    |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5               | 1/29/2019    |
| CLP Mercury           | SW1    | 311/7470A |           | Prep      | Date: 1/29/2019 | Analyst: LB  |
| Mercury               | , ND   | 0.00020   |           | mg/L      | 1               | 1/29/2019    |
| flercury              | SW7    | 471B      |           | Prep      | Date: 1/28/2019 | Analyst: LB  |
| Mercury               | 0.030  | 0.022     | m         | ig/Kg-dry | 1               | 1/29/2019    |
| Cyanide, Total        | SW9    | 012A      | ,         |           | Date: 1/27/2019 | •            |
| Cyanide               | ND     | 0.31      | m         | ig/Kg-dry | 1               | 1/27/2019    |
| oH (25 °C)            | SW9    | 045C      |           | •         | Date: 1/25/2019 | •            |
| рН                    | 8.07   |           | t         | H Units   | 1               | 1/25/2019    |
| Percent Moisture      | D297   | -         |           | •         | Date: 1/24/2019 | •            |
| Percent Moisture      | 19.4   | 0.2       | •         | wt%       | 1               | 1/25/2019    |

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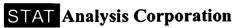
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-014

**ANALYTICAL RESULTS** 

Client Sample ID: A-31

Collection Date: 1/23/2019 9:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q        | ualifier Units    | DF              | Date Analyze |
|---|--------|-------------|-------------------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B   | Prep              | Date: 1/24/2019 | Analyst: AE  |
| Acetone                                 | ND     | 0.096       | mg/Kg-dry         | 1               | 1/25/2019    |
| Benzene                                 | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Bromodichloromethane                    | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Bromoform                               | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Bromomethane                            | ND     | 0.013       | mg/Kg-dry         | 1               | 1/25/2019    |
| 2-Butanone                              | ND     | 0.096       | mg/Kg-dry         | 1               | 1/25/2019    |
| Carbon disulfide                        | ND     | 0.064       | mg/Kg-dry         | 1               | 1/25/2019    |
| Carbon tetrachloride                    | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Chlorobenzene                           | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Chloroethane                            | ND     | 0.013       | mg/Kg-dry         | 1               | 1/25/2019    |
| Chloroform                              | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Chloromethane                           | ND     | 0.013       | mg/Kg-dry         | 1               | 1/25/2019    |
| Dibromochloromethane                    | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,1-Dichloroethane                      | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,2-Dichloroethane                      | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,1-Dichloroethene                      | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| cis-1,2-Dichloroethene                  | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| trans-1,2-Dichloroethene                | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,2-Dichloropropane                     | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| cis-1,3-Dichloropropene                 | ND     | 0.0026      | mg/Kg-dry         | 1               | 1/25/2019    |
| trans-1,3-Dichloropropene               | ND     | 0.0026      | mg/Kg-dry         | 1               | 1/25/2019    |
| Ethylbenzene                            | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 2-Hexanone                              | ND     | 0.026       | mg/Kg-dry         | 1               | 1/25/2019    |
| 4-Methyl-2-pentanone                    | ND -   | - 0.026     | mg/Kg-dry         | 1               | 1/25/2019    |
| Methylene chloride                      | ND     | 0.013       | mg/Kg-dry         | 1               | 1/25/2019    |
| Methyl tert-butyl ether                 | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Styrene                                 | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Tetrachloroethene                       | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Toluene                                 | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,1,1-Trichloroethane                   | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| 1,1,2-Trichloroethane                   | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Trichloroethene                         | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Vinyl chloride                          | ND     | 0.0064      | mg/Kg-dry         | 1               | 1/25/2019    |
| Xylenes, Total                          | ND     | 0.019       | mg/Kg-dry         | 1               | 1/25/2019    |
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW355 | 5 <b>0B)</b> Prep | Date: 1/28/2019 | Analyst: FP  |
| Acenaphthene                            | ND     | 0.040       | mg/Kg-dry         | 1               | 1/29/2019    |
| Acenaphthylene                          | ND     | 0.040       | mg/Kg-dry         | 1               | 1/29/2019    |

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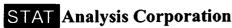
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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB

19010622-014

Client Sample ID: A-31

Collection Date: 1/23/2019 9:15:00 AM

Matrix: Soil

| Analyses                                | Result · | RL       | Qualifier | Units     | DF                     | Date Analyzed |
|---|----------|----------|-----------|-----------|------------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82   | 270C (SW | 3550B)    | Prep      | Date: <b>1/28/2019</b> | Analyst: FP   |
| Aniline                                 | ND       | 0.40     | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| Anthracene                              | ND       | 0.040    | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| Benz(a)anthracene                       | ND .     | 0.040    | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Benzidine                               | ND       | 0.40     | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| Benzo(a)pyrene                          | ND       | 0.040    | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND       | 0.040    | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND       | 0.040    | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND       | 0.040    | , m       | g/Kg-dry  | 1                      | 1/29/2019     |
| Benzoic acid                            | ND       | 1.0      | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Benzyl alcohol                          | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND       | 1.0      | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Butyl benzyl phthalate                  | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Carbazole                               | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 4-Chloroaniline                         | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND       | 0.40     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 2-Chloronaphthalene                     | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 2-Chlorophenol                          | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Chrysene \                              | ND       | 0.040    | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND       | 0.040    | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| Dibenzofuran                            | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND       | 0.21     | m         | ig/Kg-dry | 1                      | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND       | 0.21     |           | ig/Kg-dry | 1                      | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND       | 0.21     |           | ig/Kg-dry | 1                      | 1/29/2019     |
| Diethyl phthalate                       | ND       | 0.21     | m         | g/Kg-dry  | 1                      | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND       | 0.21     |           | ig/Kg-dry | 1                      | 1/29/2019     |
| Dimethyl phthalate                      | ND       | 0.21     |           | g/Kg-dry  | 1                      | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND       | 0.40     |           | g/Kg-dry  | 1                      | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND       | 1.0 .    |           | g/Kg-dry  | 1                      | 1/29/2019     |
| 2,4-Dinitrotoluene                      | ND       | 0.040    |           | g/Kg-dry  | 1                      | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND       | 0.040    |           | g/Kg-dry  | 1                      | 1/29/2019     |
| Di-n-butyl phthalate                    | ND       | 0.21     |           | g/Kg-dry  | 1                      | 1/29/2019     |
| Di-n-octyl phthalate                    | ND       | 0.21     |           | g/Kg-dry  | 1                      | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-014

Client Sample ID: A-31

Collection Date: 1/23/2019 9:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi     | er Units  | DF              | Date Analyzed |
|---|--------|----------------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane .                      | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.081          | mg/Kg-dry | 1 ,             | 1/29/2019     |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.81           | mg/Kg-dry | 1 .             | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW80   | 82A (SW3550B)  |           | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.099          | mg/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Environmental Group Services, Ltd. Client:

19010622 Revision 1 Work Order:

Project: Franklin - EB

Lab ID: 19010622-014

Collection Date: 1/23/2019 9:15:00 AM

Matrix: Soil

Client Sample ID: A-31

| Analyses           | Result | RL Qu         | alifier Units | DF              | Date Analyzed        |
|--------------------|--------|---------------|---------------|-----------------|----------------------|
| Pesticides         | SW8    | 081B (SW355   | OB) Prep      | Date: 1/29/2019 | Analyst: <b>GV</b> ( |
| 4,4'-DDD           | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| 4,4'-DDE           | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| 4,4'-DDT           | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Aldrin             | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| alpha-BHC          | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| alpha-Chlordane    | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| beta-BHC           | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Chlordane          | ND     | 0.020         | mg/Kg-dry     | 1               | 1/29/2019            |
| delta-BHC          | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Dieldrin           | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Endosulfan I       | ND     | 0.0020        | . mg/Kg-dry   | 1               | 1/29/2019            |
| Endosulfan II      | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Endosulfan sulfate | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Endrin             | ND     | 0.0020        | mg/Kg-dry     | 1.              | 1/29/2019            |
| Endrin aldehyde    | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Endrin ketone      | ND     | <b>0.0020</b> | mg/Kg-dry     | 1               | 1/29/2019            |
| gamma-BHC          | · ND   | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| gamma-Chlordane    | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Heptachlor         | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Heptachlor epoxide | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Methoxychlor       | ND     | 0.0020        | mg/Kg-dry     | 1               | 1/29/2019            |
| Toxaphene          | ND     | 0.041         | mg/Kg-dry     | 1               | 1/29/2019            |
| Metals by ICP/MS   | SW6    | 020A (SW305   | OB) Prep      | Date: 1/25/2019 | Analyst: MD          |
| Aluminum           | 16000  | 21            | mg/Kg-dry     | 10              | 1/26/2019            |
| Antimony           | ND     | 2.1           | mg/Kg-dry     | 10              | 1/26/2019            |
| Arsenic            | 11     | 1.1           | mg/Kg-dry     | 10              | 1/26/2019            |
| Barium             | 79     | 1.1           | mg/Kg-dry     | 10              | 1/26/2019 ·          |
| Beryllium          | 0.90   | 0.53          | mg/Kg-dry     | 10              | 1/26/2019            |
| Cadmium            | ND     | 0.53          | mg/Kg-dry     | 10              | 1/26/2019            |
| Calcium            | 73000  | 63            | mg/Kg-dry     | 10              | 1/26/2019            |
| Chromium           | 29     | 1.1           | mg/Kg-dry     | 10              | 1/26/2019            |
| Cobalt             | 19     | 1.1           | mg/Kg-dry     | 10              | 1/26/2019            |
| Copper             | 33     | 2.6           | mg/Kg-dry     | 10              | 1/26/2019            |
| Iron               | 31000  | 32            | mg/Kg-dry     | 10              | 1/26/2019            |
| Lead               | 16     | 0.53          | mg/Kg-dry     | 10              | 1/26/2019            |
| Magnesium          | 35000  | 32            | mg/Kg-dry     | 10              | 1/26/2019            |
| Manganese          | 620    | 1.1           | mg/Kg-dry     | 10              | 1/26/2019            |
| Nickel             | 49     | 1.1           | mg/Kg-dry     | 10              | 1/26/2019            |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB

19010622-014

Client Sample ID: A-31

Collection Date: 1/23/2019 9:15:00 AM

Matrix: Soil

| Analyses             | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|----------------------|--------|-----------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS     | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium            | 3700   | 32        |           | mg/Kg-dry | 10              | 1/26/2019     |
| Selenium             | 1.1    | 1.1       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Silver               | ND     | 1.1       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Sodium               | 350    | 63        |           | mg/Kg-dry | 10              | 1/26/2019     |
| Thallium             | ND     | 1.1       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Vanadium             | 30     | 1.1       |           | mg/Kg-dry | 10              | 1/26/2019     |
| Zinc                 | 66     | 5.3       |           | mg/Kg-dry | 10              | 1/26/2019     |
| CLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 1/29/2019 | Analyst: MDT  |
| Antimony             | ND     | 0.015     | ·         | mg/L      | 5               | 1/29/2019     |
| Arsenic              | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Barium               | 0.46   | 0.050     |           | mg/L      | 5               | 1/29/2019     |
| Beryllium            | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Cadmium              | , ND   | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Chromium             | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Cobalt               | 0.027  | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Copper               | ND     | 0.10      |           | mg/L      | 5               | 1/29/2019     |
| Iron                 | , ND   | 0.25      |           | mg/L      | 5               | 1/29/2019     |
| Lead                 | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Manganese            | 2.7    | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Nickel               | 0.074  | 0.020     |           | mg/L      | 5               | 1/29/2019     |
| Selenium             | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Silver               | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Thallium             | ND     | 0.0050    |           | mg/L      | 5               | 1/29/2019     |
| Vanadium             | ND     | 0.010     |           | mg/L      | 5               | 1/29/2019     |
| Zinc                 | ND     | 0.050     |           | mg/L      | 5               | 1/29/2019     |
| CLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 1/29/2019 | Analyst: LB   |
| Mercury              | ND     | 0.00020   |           | mg/L      | 1               | 1/29/2019     |
| lercury              | SW7    | 471B      |           | Prep      | Date: 1/28/2019 | Analyst: LB   |
| Mercury              | 0.022  | 0.022     | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| yanide, Total        | SW9    | 012A      |           | Prep      | Date: 1/27/2019 | Analyst: MD   |
| Cyanide              | ND     | 0.31      | (         | mg/Kg-dry | 1               | 1/27/2019     |
| oH (25 °C)           | SW9    | 045C      |           | Prep      | Date: 1/25/2019 | Analyst: JT   |
| рН                   | 7.97   |           |           | pH Units  | 1               | 1/25/2019     |
| Percent Moisture     | D297   | 4         |           | Prep      | Date: 1/24/2019 | Analyst: RW   |
| Percent Moisture     | 18.9   | 0.2       | •         | wt%       | 1               | 1/25/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: E

Environmental Group Services, Ltd.

Work Order: 1

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-015 Client Sample ID: A-32

Collection Date: 1/23/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep      | Date: 1/24/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.078      | n        | ng/Kg-dry | 1               | 1/25/2019     |
| Benzene                                 | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| Bromodichloromethane                    | ND     | 0.0052     | п        | ng/Kg-dry | 1               | 1/25/2019     |
| Bromoform                               | ND     | 0.0052     | π        | ng/Kg-dry | 1               | 1/25/2019     |
| Bromomethane                            | ND     | 0.010      | n        | ng/Kg-dry | 1 .             | 1/25/2019     |
| 2-Butanone                              | ND     | 0.078      | n        | ng/Kg-dry | 1               | 1/25/2019     |
| Carbon disulfide ·                      | ND     | 0.052      | π        | ng/Kg-dry | 1               | 1/25/2019     |
| Carbon tetrachloride                    | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| Chlorobenzene ·                         | ND     | 0.0052     | π        | ng/Kg-dry | 1               | 1/25/2019     |
| Chloroethane                            | ND     | 0.010      | n        | ng/Kg-dry | 1 .             | 1/25/2019     |
| Chloroform .                            | ND     | 0.0052     | π        | ng/Kg-dry | 1 .             | 1/25/2019     |
| Chloromethane                           | ND     | 0.010      | π        | ng/Kg-dry | 1               | 1/25/2019     |
| Dibromochloromethane                    | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0052     | п        | ng/Kg-dry | 1               | 1/25/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| trans-1,2-Dichloroethene .              | ND     | 0.0052     | п        | ng/Kg-dry | 1               | 1/25/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0052     | п        | ng/Kg-dry | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0021     | ` n      | ng/Kg-dry | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0021     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| Ethylbenzene                            | ND     | 0.0052     | п        | ng/Kg-dry | 1               | 1/25/2019     |
| 2-Hexanone                              | ND     | 0.021      | п        | ng/Kg-dry | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.021      | n        | ng/Kg-dry | 1 '             | 1/25/2019     |
| Methylene chloride                      | ND     | 0.010      | . u      | ng/Kg-dry | 1               | 1/25/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0052     | , u      | ng/Kg-dry | 1               | 1/25/2019     |
| Styrene                                 | ND     | 0.0052     | m        | ng/Kg-dry | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0052     | · m      | ng/Kg-dry | 1               | 1/25/2019     |
| Tetrachloroethene                       | ND     | 0.0052     | m        | ng/Kg-dry | 1               | 1/25/2019     |
| Toluene                                 | ND     | 0.0052     | · n      | ng/Kg-dry | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0052     | m        | ng/Kg-dry | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0052     | ' m      | ng/Kg-dry | 1               | 1/25/2019     |
| Trichloroethene                         | ND     | 0.0052     | n        | ng/Kg-dry | 1               | 1/25/2019     |
| Vinyl chloride                          | ND (   | 0.0052     | m        | ng/Kg-dry | 1               | 1/25/2019     |
| Xylenes, Total                          | ND     | 0.016      | m        | ng/Kg-dry | 1               | 1/25/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B)     | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.040      | n        | ng/Kg-dry | 1               | 1/29/2019     |
| Acenaphthylene                          | ND     | 0.040      | п        | ng/Kg-dry | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project:

Franklin - EB

Lab ID:

19010622-015

Client Sample ID: A-32

Collection Date: 1/23/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units     | DF              | Date Analyzed |
|---|--------|-----------|-----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3 | 550B)     | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Aniline                                 | ND     | 0.40      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Anthracene                              | ND     | 0.040     | 1         | mg/Kg-dry | 1 .             | 1/29/2019     |
| Benz(a)anthracene                       | ND     | 0.040     | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| Benzidine                               | ND     | 0.40      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Benzo(a)pyrene                          | ND     | 0.040     | •         | mg/Kg-dry | 1               | 1/29/2019     |
| Benzo(b)fluoranthene                    | ND     | 0.040     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Benzo(g,h,i)perylene                    | ND     | 0.040     | ,         | mg/Kg-dry | 1               | 1/29/2019     |
| Benzo(k)fluoranthene                    | ND     | 0.040     | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| Benzoic acid                            | ND     | 1.0       |           | mg/Kg-dry | 1               | 1/29/2019     |
| Benzyl alcohol                          | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethoxy)methane              | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Bis(2-chloroethyl)ether                 | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Bromophenyl phenyl ether              | ND     | 0.20      | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| Butyl benzyl phthalate                  | ND     | 0.20      |           | mg/Kg-dry | 1 .             | 1/29/2019     |
| Carbazole                               | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Chloroaniline                         | ND     | 0.20      | ı         | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Chloro-3-methylphenol                 | ND     | 0.40      | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Chloronaphthalene                     | ND     | 0.20      | 1         | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Chlorophenol                          | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Chrysene                                | ND     | 0.040     |           | mg/Kg-dry | 1               | 1/29/2019     |
| Dibenz(a,h)anthracene                   | ND     | 0.040     | ٠ ،       | ng/Kg-dry | 1               | 1/29/2019     |
| Dibenzofuran                            | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 1,2-Dichlorobenzene                     | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 1,3-Dichlorobenzene                     | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 1,4-Dichlorobenzene                     | ND     | 0.20      |           | ng/Kg-dry | 1               | 1/29/2019     |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20      |           | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dichlorophenol                      | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Diethyl phthalate                       | ND     | 0.20      | ,         | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dimethylphenol                      | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| Dimethyl phthalate                      | ND     | 0.20      |           | mg/Kg-dry | 1               | 1/29/2019     |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40      |           | ng/Kg-dry | 1               | 1/29/2019     |
| 2,4-Dinitrophenol                       | ND     | 1.0       |           | ng/Kg-dry | 1               | 1/29/2019     |
| 2.4-Dinitrotoluene                      | ND     | 0.040     |           | ng/Kg-dry | 1               | 1/29/2019     |
| 2,6-Dinitrotoluene                      | ND     | 0.040     |           | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-butyl phthalate                    | ND     | 0.20      |           | ng/Kg-dry | 1               | 1/29/2019     |
| Di-n-octyl phthalate                    | ND     | 0.20      |           | ng/Kg-dry | 1               | 1/29/2019     |

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**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-015

Client Sample ID: A-32

Collection Date: 1/23/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifie | r Units   | DF              | Date Analyzed |
|---|--------|-----------|----------|-----------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | s swa  | 270C (SW: | 3550B)   | Prep      | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.040     | ·        | mg/Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.20      | <i>:</i> | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.20      | _        | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.20      |          | mg/Kg-dry | 1 .             | 1/29/2019     |
| Naphthalene                             | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.40      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.081     |          | mg/Kg-dry | . 1             | 1/29/2019     |
| Phenanthrene                            | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.20      |          | mg/Kg-dry | 1               | , 1/29/2019   |
| Pyrene                                  | ND     | 0.040     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.81      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.20      |          | mg/Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW8    | 082A (SW: | 3550B)   | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.096     |          | mg/Kg-dry | 1               | 1/29/2019     |

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\* - Non-accredited parameter

Qualifiers:

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



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Date Reported: February 01, 2019 February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Franklin - EB

Lab ID:

Project:

19010622-015

Client Sample ID: A-32

Collection Date: 1/23/2019 9:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualif      | ier Units | DF              | Date Analyzed |
|--------------------|--------|----------------|-----------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0019         | mg/Kg-dry | 1 '             | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Aldrin             | ND     | .0.0019        | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| beta-BHC           | ND .   | 0.0019         | mg/Kg-dry | 16              | 1/29/2019     |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | . 1             | 1/29/2019     |
| Endrin             | . ND   | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.040          | mg/Kg-dry | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 1/25/2019 | •             |
| Aluminum           | 15000  | 20             | mg/Kg-dry | 10              | 1/26/2019     |
| Antimony           | ND     | 2.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Arsenic            | 6.6    | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Barium .           | 63     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Beryllium          | 0.79   | 0.51           | mg/Kg-dry | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.51           | mg/Kg-dry | 10              | 1/26/2019     |
| Calcium            | 74000  | 61             | mg/Kg-dry | 10              | 1/26/2019     |
| Chromium           | 27     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Cobalt             | 15     | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Copper             | 29     | 2.6            | mg/Kg-dry | 10              | 1/26/2019     |
| Iron .             | 28000  | 31             | mg/Kg-dry | 10              | 1/26/2019     |
| Lead               | 15     | 0.51           | mg/Kg-dry | 10              | 1/26/2019     |
| Magnesium          | 33000  | 31             | mg/Kg-dry | 10              | 1/26/2019     |
| Manganese ,        | 530    | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |
| Nickel             | 42 .   | 1.0            | mg/Kg-dry | 10              | 1/26/2019     |

Qualifiers:

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-015 Client Sample ID: A-32

Collection Date: 1/23/2019 9:30:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units    | DF              | Date Analyzed      |
|-----------------------|--------|-----------|-----------|----------|-----------------|--------------------|
| Metals by ICP/MS      | SWe    | 020A (SW  | 3050B)    | Prep     | Date: 1/25/2019 | Analyst: MDT       |
| Potassium             | 2600   | 31        | m         | g/Kg-dry | 10              | 1/26/2019          |
| Selenium              | ND     | 1.0       | m         | g/Kg-dry | 10              | 1/26/2019          |
| Silver                | ND     | 1.0       | m         | g/Kg-dry | 10              | 1/26/2019          |
| Sodium                | 740    | 61        | m         | g/Kg-dry | 10              | 1/26/2019          |
| Thallium              | ND     | 1.0       | m         | g/Kg-dry | 10              | 1/26/2019          |
| Vanadium              | 27     | 1.0       | m         | g/Kg-dry | 10              | 1/26/2019          |
| Zinc                  | 64     | 5.1       | m         | g/Kg-dry | 10              | 1/26/2019          |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A  | ) Prep   | Date: 1/29/2019 | Analyst: MDT       |
| Antimony              | ND     | 0.015     | •         | mg/L     | 5               | 1/29/2019          |
| Arsenic               | ND     | 0.010     |           | mg/L     | 5               | 1/29/2019          |
| Barium                | . 0.49 | 0.050     |           | mg/L     | 5               | 1/29/2019          |
| Beryllium             | ND     | 0.0050    |           | mg/L     | 5               | 1/29/2019          |
| Cadmium               | ND     | 0.0050    |           | mg/L     | 5               | 1/29/2019          |
| Chromium              | ND     | 0.010     |           | mg/L     | 5               | 1/29/2019          |
| Cobalt                | 0.065  | 0.010     |           | mg/L     | 5               | 1/29/2019          |
| Copper                | ND     | 0.10      |           | mg/L     | 5               | 1/29/2019          |
| Iron                  | 0.31   | 0.25      |           | mg/L     | 5               | 1/29/2019          |
| Lead                  | ND     | 0.0050    |           | mg/L     | 5               | 1/29/2019          |
| Manganese             | 5.9    | 0.010     |           | mg/L     | 5               | 1/29/2019          |
| Nickel                | 0.051  | 0.020     |           | mg/L     | 5               | 1/29/2019          |
| Selenium              | ND     | 0.010     | •         | mg/L     | 5               | 1/29/2019          |
| Silver                | ND     | 0.010     | •         | mg/L     | 5               | 1/29/2019          |
| Thallium              | ND     | 0.0050    |           | mg/L     | 5               | 1/29/2019          |
| Vanadium              | ND     | 0.010     |           | mg/L     | 5               | 1/29/2019          |
| Zinc                  | ND     | 0.050     |           | mg/L     | 5               | 1/29/2019          |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep     | Date: 1/29/2019 | Analyst: LB        |
| Mercury               | ND     | 0.00020   |           | mg/L     | 1               | 1/29/2019          |
| Mercury               | SW7    | 471B      |           | Prep     | Date: 1/28/2019 | Analyst: LB        |
| Mercury               | 0.024  | 0.021     | m         | g/Kg-dry | 1               | 1/29/2019          |
| Cyanide, Total        | SW9    | 012A      |           | Prep     | Date: 1/27/2019 | Analyst: MD        |
| Cyanide               | ND     | 0.31      | m         | g/Kg-dry | 1               | 1/27/2019          |
| pH (25 °C)            | SW9    | 045C      |           | Prep     | Date: 1/25/2019 | Analyst: <b>JT</b> |
| pH                    | 8.10   |           | ŗ         | H Units  | 1               | 1/25/2019          |
| Percent Moisture      | D29    | •         |           |          | Date: 1/24/2019 | •                  |
| Percent Moisture      | 18.6   | 0.2       | •         | wt%      | 1               | 1/25/2019          |

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**Date Reported:** February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February

Client:

Environmental Group Services, Ltd.

Work Order: 19010

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-016 Client Sample ID: A-33

Collection Date: 1/23/2019 9:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | Qualifier ( | J <b>nits</b> | DF              | Date Analyzed |
|---|--------|------------|-------------|---------------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |             | Prep          | Date: 1/24/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.069      | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Benzene                                 | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Bromodichloromethane                    | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Bromoform                               | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Bromomethane                            | ND     | 0.0092     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 2-Butanone                              | ND     | 0.069      | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Carbon disulfide                        | ND     | 0.046      | mg/         | Kg-dry        | 1 .             | 1/25/2019     |
| Carbon tetrachloride                    | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Chlorobenzene                           | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Chloroethane                            | ND     | 0.0092     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Chloroform                              | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Chloromethane                           | ND     | 0.0092     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Dibromochloromethane                    | ND     | 0.0046     | mg/         | Kg-dry        | 1 '             | 1/25/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0046     | · mg/       | Kg-dry        | 1 ,             | 1/25/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0046     | mg/         | Kg-dry        | 1 '             | 1/25/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0018     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0018     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Ethylbenzene                            | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 2-Hexanone                              | ND     | 0.018      | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.018      | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Methylene chloride                      | ND     | 0.0092     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Styrene                                 | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Tetrachloroethene                       | ND .   | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Toluene                                 | ND     | 0.0046     |             | Kg-dry        | 1               | 1/25/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0046     | _ mg/       | Kg-dry        | 1               | 1/25/2019     |
| Trichloroethene                         | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Vinyl chloride                          | ND     | 0.0046     | mg/         | Kg-dry        | 1               | 1/25/2019     |
| Xylenes, Total                          | ND     | 0.014      | _           | Kg-dry        | 1               | 1/25/2019     |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | 50B)        | Prep          | Date: 1/28/2019 | Analyst: FP   |
| Acenaphthene                            | ND     | 0.040      | •           | Kg-dry        | 1               | 1/29/2019     |
| Acenaphthylene                          | ND     | 0.040      | mg/         | Kg-dry        | 1               | 1/29/2019     |

Qualifiers:

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HT - Sample received past holding time

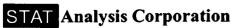
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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-016 Client Sample ID: A-33

Collection Date: 1/23/2019 9:45:00 AM

Matrix: Soil

| Analyses                                | Result RL Qualifier Units DF |           |        |         |                 | Date Analyzed |  |  |  |  |
|---|------------------------------|-----------|--------|---------|-----------------|---------------|--|--|--|--|
| Semivolatile Organic Compounds by GC/MS | SW82                         | 270C (SW3 | 3550B) | Prep    | Date: 1/28/2019 | Analyst: FP   |  |  |  |  |
| Aniline                                 | ND                           | 0.41      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Anthracene                              | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benz(a)anthracene                       | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzidine                               | ND                           | 0.40      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzo(a)pyrene                          | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzo(b)fluoranthene                    | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzo(g,h,i)perylene                    | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzo(k)fluoranthene                    | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzoic acid                            | ND                           | 1.0       | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Benzyl alcohol                          | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Bis(2-chloroethoxy)methane              | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Bis(2-chloroethyl)ether                 | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Bis(2-ethylhexyl)phthalate              | ND                           | 1.0       | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 4-Bromophenyl phenyl ether              | . ND                         | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Butyl benzyl phthalate                  | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Carbazole                               | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 4-Chloroaniline                         | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 4-Chloro-3-methylphenol                 | ND                           | 0.40      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 2-Chloronaphthalene                     | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 2-Chlorophenol                          | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 4-Chlorophenyl phenyl ether             | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Chrysene                                | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Dibenz(a,h)anthracene                   | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Dibenzofuran                            | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 1,2-Dichlorobenzene                     | ND                           | 0.21      | mg     | /Kģ-dry | 1               | 1/29/2019     |  |  |  |  |
| 1,3-Dichlorobenzene                     | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 1,4-Dichlorobenzene                     | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 3,3'-Dichlorobenzidine                  | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 2,4-Dichlorophenol                      | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Diethyl phthalate                       | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 2,4-Dimethylphenol                      | ND                           | 0.21      | mg     | /Kg-dry | 1               | . 1/29/2019   |  |  |  |  |
| Dimethyl phthalate                      | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 4,6-Dinitro-2-methylphenol              | ND                           | 0.40      | mg     | Kg-dry  | 1               | 1/29/2019     |  |  |  |  |
| 2,4-Dinitrophenol                       | ND                           | 1.0       | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 2,4-Dinitrotoluene                      | ND                           | 0.040     |        | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| 2,6-Dinitrotoluene                      | ND                           | 0.040     | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Di-n-butyl phthalate                    | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |
| Di-n-octyl phthalate                    | ND                           | 0.21      | mg     | /Kg-dry | 1               | 1/29/2019     |  |  |  |  |

Qualifiers:

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

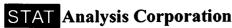
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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-016 Client Sample ID: A-33

Collection Date: 1/23/2019 9:45:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi     | ier Units   | DF              | Date Analyzed |
|---|--------|----------------|-------------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep        | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene '                          | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019 .   |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21 、         | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.21           | , mg/Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry   | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.082          | mg/Kg-dry   | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.040          | mg/Kg-dry   | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.82           | mg/Kg-dry   | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry   | 1               | 1/29/2019     |
| PCBs                                    | SW80   | 82A (SW3550B)  | Prep        | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.099          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.099          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.099          | mg/Kg-dry   | 1 '             | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.099          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.099          | mg/Kg-dry   | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.099          | mg/Kg-dry   | 1 -             | 1/29/2019     |
| Aroclor 1260                            | ND     | 0.099          | mg/Kg-dry   | 1               | 1/29/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID:

Franklin - EB 19010622-016 Client Sample ID: A-33

Collection Date: 1/23/2019 9:45:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualif      | fier Units | DF              | Date Analyzed |
|--------------------|--------|----------------|------------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep       | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| alpha-Chlordane    | , . ND | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.020          | mg/Kg-dry  | . 1             | 1/29/2019     |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Dieldrin .         | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Endosulfan sulfate | ND ND  | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Endrin             | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry  | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry  | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep       | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 16000  | 23             | mg/Kg-dry  | 10              | 1/26/2019     |
| Antimony           | ND     | 2.3            | mg/Kg-dry  | 10              | 1/26/2019     |
| Arsenic            | 10     | 1.0            | mg/Kg-dry  | 10              | 1/31/2019     |
| Barium             | 87     | 1.1            | mg/Kg-dry  | 10              | 1/26/2019     |
| Beryllium          | 0.86   | 0.57           | mg/Kg-dry  | 10              | 1/26/2019     |
| Cadmium            | , ND   | 0.57           | mg/Kg-dry  | 10              | 1/26/2019     |
| Calcium            | 81000  | 68             | mg/Kg-dry  | 10              | 1/26/2019     |
| Chromium           | . 31   | 1.1            | mg/Kg-dry  | 10              | 1/26/2019     |
| Cobalt             | 20     | 1.1            | mg/Kg-dry  | 10              | 1/26/2019     |
| Copper .           | 34     | 2.8            | mg/Kg-dry  | 10              | 1/26/2019     |
| Iron               | 29000  | 34             | mg/Kg-dry  | 10              | 1/26/2019     |
| Lead               | 17     | 0.57           | mg/Kg-dry  | 10              | 1/26/2019     |
| Magnesium          | 38000  | 34             | mg/Kg-dry  | 10              | 1/26/2019     |
| Manganese          | 570    | 1.1            | mg/Kg-dry  | 10              | 1/26/2019     |
| Nickel             | 50     | 1.1            | mg/Kg-dry  | 10              | 1/26/2019     |

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Date Reported: February 01, 2019 February 01, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

**Project:** Lab ID: Franklin - EB 19010622-016 Client Sample ID: A-33

Collection Date: 1/23/2019 9:45:00 AM

Matrix: Soil

| Analyses              | Result | RL         | Qualifier | Units     | DF              | Date Analyzed |
|-----------------------|--------|------------|-----------|-----------|-----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW   | 3050B)    | Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Potassium             | 3900   | 34         | m         | g/Kg-dry  | 10              | 1/26/2019     |
| Selenium              | ND     | 1.1        | m         | g/Kg-dry  | 10              | 1/26/2019     |
| Silver                | ND     | 1.1        | m         | g/Kg-dry  | 10              | 1/26/2019     |
| Sodium                | 240    | 68         | m         | g/Kg-dry  | 10              | 1/26/2019     |
| Thallium              | ND     | 1.1        | m         | g/Kg-dry  | 10              | 1/26/2019     |
| Vanadium              | 31     | 1.1        | m         | g/Kg-dry  | 10              | 1/26/2019     |
| Zinc                  | 69     | <b>5.7</b> | n         | ig/Kg-dry | 10              | 1/26/2019     |
| TCLP Metals by ICP/MS | SW1    | 311/6020A  | (SW3005A  | ) Prep    | Date: 1/29/2019 | Analyst: MDT  |
| Antimony              | ND     | 0.015      |           | mg/L      | 5               | 1/29/2019     |
| Arsenic               | ND     | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Barium                | 0.95   | 0.050      |           | mg/L      | 5 1             | 1/29/2019     |
| Beryllium             | ND     | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Cadmium .             | ND     | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Chromium              | ND     | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Cobalt                | 0.11   | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Copper                | 0.14   | 0.10       |           | mg/L      | 5               | 1/29/2019     |
| Iron                  | ND     | 0.25       |           | mg/L      | 5               | 1/29/2019     |
| Lead                  | 0.0087 | . 0.0050   |           | mg/L      | 5               | 1/29/2019     |
| Manganese             | 5.2    | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Nickel                | 0.17   | 0.020      |           | mg/L      | , 5             | 1/29/2019     |
| Selenium              | ND     | 0.010      | •         | mg/L      | 5               | 1/29/2019     |
| Silver                | ND     | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Thallium              | ND     | 0.0050     |           | mg/L      | 5               | 1/29/2019     |
| Vanadium              | ND     | 0.010      |           | mg/L      | 5               | 1/29/2019     |
| Zinc .                | 0.064  | 0.050      |           | mg/L      | 5               | 1/29/2019     |
| TCLP Mercury          | SW1    | 311/7470A  |           | Prep      | Date: 1/29/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020    |           | mg/L      | 1               | 1/29/2019     |
| Mercury               | SW7    | 471B       |           | Prep      | Date: 1/28/2019 | Analyst: LB   |
| Mercury               | 0.025  | 0.023      | n         | g/Kg-dry  | 1               | 1/29/2019     |
| Cyanide, Total        | SW9    | 012A       |           | Prep      | Date: 1/27/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31       | m         | g/Kg-dry  | 1               | 1/27/2019     |
| pH (25 °C)            |        | 045C       |           |           | Date: 1/25/2019 |               |
| рН                    | 8.23   |            | t         | H Units   | 1               | 1/25/2019     |
| Percent Moisture      | D297   | 74         |           | Prep      | Date: 1/24/2019 | Analyst: RW   |
| Percent Moisture ,    | , 20.0 | 0.2        | •         | wt%       | 1               | 1/25/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environ

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-017 Client Sample ID: A-34

Collection Date: 1/23/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL (       | Qualifier U | nits  | DF              | •         |  |  |  |
|---|--------|------------|-------------|-------|-----------------|-----------|--|--|--|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |             | Prep  | Date: 1/24/2019 |           |  |  |  |
| Acetone                                 | ND     | 0.071      | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Benzene                                 | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Bromodichloromethane                    | ND     | 0.0047     | , mg/K      | g-dry | 1               | 1/25/2019 |  |  |  |
| Bromoform .                             | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Bromomethane                            | ND     | 0.0095     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 2-Butanone                              | ND     | 0.071      | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Carbon disulfide                        | ND     | 0.047      | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Carbon tetrachloride                    | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Chlorobenzene                           | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Chloroethane                            | ND     | 0.0095     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Chloroform                              | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Chloromethane                           | ND     | 0.0095     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Dibromochloromethane                    | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,1-Dichloroethane                      | ND ·   | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,2-Dichloroethane                      | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,1-Dichloroethene                      | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| cis-1,2-Dichloroethene                  | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| trans-1,2-Dichloroethene                | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,2-Dichloropropane                     | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| cis-1,3-Dichloropropene                 | ND     | 0.0019     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| trans-1,3-Dichloropropene               | ND     | 0.0019     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Ethylbenzene                            | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 2-Hexanone                              | ND     | 0.019      | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 4-Methyl-2-pentanone                    | ND     | 0.019      | mg/K        | g-dry | 1 .             | 1/25/2019 |  |  |  |
| Methylene chloride                      | ND     | 0.0095     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Methyl tert-butyl ether                 | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Styrene                                 | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Tetrachloroethene                       | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Toluene                                 | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,1,1-Trichloroethane                   | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| 1,1,2-Trichloroethane                   | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Trichloroethene                         | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Vinyl chloride                          | ND     | 0.0047     | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Xylenes, Total                          | ND     | 0.014      | mg/K        | g-dry | 1               | 1/25/2019 |  |  |  |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 |             | •     | Date: 1/28/2019 | •         |  |  |  |
| Acenaphthene                            | ND     | 0.040      | mg/K        | g-dry | 1               | 1/29/2019 |  |  |  |
| Acenaphthylene                          | ND     | 0.040      | mg/K        | g-dry | 1               | 1/29/2019 |  |  |  |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed: February 01, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19010622 Revision 1

Project: Franklin - EB
Lab ID: 19010622-017

Client Sample ID: A-34

Collection Date: 1/23/2019 10:00:00 AM

Matrix: Soil

| Analyses                               | Result | RL      | Qualifier | Units    | DF              | Date Analyze |
|--|--------|---------|-----------|----------|-----------------|--------------|
| Semivolatile Organic Compounds by GC/M | s swaz | 70C (SW | 3550B)    | Prep     | Date: 1/28/2019 | Analyst: FP  |
| Aniline                                | ND     | 0.41    |           | g/Kg-dry | 1               | 1/29/2019    |
| Anthracene                             | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benz(a)anthracene                      | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzidine ;                            | ND     | 0.40    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzo(a)pyrene                         | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzo(b)fluoranthene                   | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzo(g,h,i)perylene                   | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzo(k)fluoranthene                   | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzoic acid                           | ND     | 1.0     | m         | g/Kg-dry | 1               | 1/29/2019    |
| Benzyl alcohol                         | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Bis(2-chloroethoxy)methane             | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Bis(2-chloroethyl)ether                | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Bis(2-ethylhexyl)phthalate             | ND     | 1.0     | m         | g/Kg-dry | 1               | 1/29/2019    |
| 4-Bromophenyl phenyl ether             | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Butyl benzyl phthalate                 | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Carbazole                              | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 4-Chloroaniline                        | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 4-Chloro-3-methylphenol                | ND     | 0.40    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 2-Chloronaphthalene                    | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 2-Chlorophenol                         | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 4-Chlorophenyl phenyl ether            | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| Chrysene                               | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Dibenz(a,h)anthracene                  | ND     | 0.040   | m         | g/Kg-dry | 1               | 1/29/2019    |
| Dibenzofuran                           | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 1,2-Dichlorobenzene                    | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 1,3-Dichlorobenzene                    | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 1,4-Dichlorobenzene                    | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |
| 3,3'-Dichlorobenzidine                 | ND     | 0.21    | m         | g/Kg-dry | 1               | 1/29/2019    |
| 2,4-Dichlorophenol                     | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |
| Diethyl phthalate                      | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |
| 2,4-Dimethylphenol                     | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |
| Dimethyl phthalate                     | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |
| 4,6-Dinitro-2-methylphenol             | ND     | 0.40    |           | g/Kg-dry | 1               | 1/29/2019    |
| 2,4-Dinitrophenol                      | ND     | 1.0     |           | g/Kg-dry | 1               | 1/29/2019    |
| 2,4-Dinitrotoluene                     | ND     | 0.040   |           | g/Kg-dry | 1               | 1/29/2019    |
| 2,6-Dinitrotoluene                     | ND     | 0.040   |           | g/Kg-dry | 1               | 1/29/2019    |
| Di-n-butyl phthalate                   | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |
| Di-n-octyl phthalate                   | ND     | 0.21    |           | g/Kg-dry | 1               | 1/29/2019    |

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Date Reported: February 01, 2019 **Date Printed:** 

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID:

Franklin - EB

19010622-017

**ANALYTICAL RESULTS** 

Client Sample ID: A-34

Collection Date: 1/23/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL C       | Qualifier \ | Units . | DF              | Date Analyzed |
|---|--------|------------|-------------|---------|-----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 | 550B)       | Prep    | Date: 1/28/2019 | Analyst: FP   |
| Fluoranthene                            | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| Fluorene                                | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| Hexachlorobenzene                       | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Hexachlorobutadiene                     | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21       |             | /Kg-dry | 1               | 1/29/2019     |
| Hexachloroethane                        | ND     | 0.21       |             | /Kg-dry | 1               | 1/29/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| Isophorone                              | ND     | 0.21       | . mg        | /Kg-dry | 1               | 1/29/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 2-Methylphenol                          | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 4-Methylphenol                          | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Naphthalene                             | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| 2-Nitroaniline                          | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 3-Nitroaniline                          | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 4-Nitroaniline                          | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 2-Nitrophenol                           | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 4-Nitrophenol                           | ND     | 0.40       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Nitrobenzene                            | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Pentachlorophenol                       | ND     | 0.082      | mg          | /Kg-dry | 1               | 1/29/2019     |
| Phenanthrene                            | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| Phenol                                  | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Pyrene                                  | ND     | 0.040      | mg          | /Kg-dry | 1               | 1/29/2019     |
| Pyridine                                | ND     | 0.82       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       | mg          | /Kg-dry | 1               | 1/29/2019     |
| PCBs                                    | SW80   | 082A (SW35 | 550B)       | Prep    | Date: 1/29/2019 | Analyst: GVC  |
| Aroclor 1016                            | ND     | 0.10       | •           | /Kg-dry | 1               | 1/29/2019     |
| Aroclor 1221                            | ND     | 0.10       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Aroclor 1232                            | ND     | 0.10       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Aroclor 1242                            | ND     | 0.10       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Aroclor 1248                            | ND     | 0.10       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Aroclor 1254                            | ND     | 0.10       | mg          | /Kg-dry | 1               | 1/29/2019     |
| Aroclor 1260                            | . ND   | 0.10       | mg          | /Kg-dry | 1 •             | 1/29/2019     |

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Date Reported: February 01, 2019 **Date Printed:** February 01, 2019

**ANALYTICAL RESULTS** 

Client: Environmental Group Services, Ltd.

19010622 Revision 1 Work Order:

**Project:** Franklin - EB Lab ID: 19010622-017 Client Sample ID: A-34

Collection Date: 1/23/2019 10:00:00 AM

Matrix: Soil

| Analyses           | Result | RL (      | Qualifier Units | DF              | Date Analyzed |
|--------------------|--------|-----------|-----------------|-----------------|---------------|
| Pesticides         | SW8    | 081B (SW3 | 550B) Prep      | Date: 1/29/2019 | Analyst: GVC  |
| 4,4'-DDD           | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| 4,4'-DDE           | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| 4,4'-DDT           | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Aldrin             | ND     | 0.0020    | mg/Kg-dry       | 1 '             | 1/29/2019     |
| alpha-BHC          | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| alpha-Chlordane    | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| beta-BHC           | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Chlordane          | ND     | 0.020     | mg/Kg-dry       | 1               | 1/29/2019     |
| delta-BHC          | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Dieldrin           | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Endosulfan I       | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Endosulfan II      | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Endosulfan sulfate | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Endrin             | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Endrin aldehyde    | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Endrin ketone      | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| gamma-BHC          | ND     | 0.0020    | . mg/Kg-dry     | 1               | 1/29/2019     |
| gamma-Chlordane    | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Heptachlor         | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Heptachlor epoxide | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Methoxychlor       | ND     | 0.0020    | mg/Kg-dry       | 1               | 1/29/2019     |
| Toxaphene          | ND     | 0.041     | mg/Kg-dry       | 1               | 1/29/2019     |
| Metals by ICP/MS   | SW6    | 020A (SW3 | )50B) Prep      | Date: 1/25/2019 | Analyst: MDT  |
| Aluminum           | 14000  | 23        | mg/Kg-dry       | 10              | 1/26/2019     |
| Antimony           | ND     | 2.3       | mg/Kg-dry       | 10              | 1/26/2019     |
| Arsenic            | 9.0    | 1.1       | mg/Kg-dry       | 10              | 1/26/2019     |
| Barium             | 91     | 1.1       | mg/Kg-dry       | 10              | 1/26/2019     |
| Beryllium          | 0.85   | 0.56      | mg/Kg-dry       | 10              | 1/26/2019     |
| Cadmium            | ND     | 0.56      | mg/Kg-dry       | 10              | 1/26/2019     |
| Calcium            | 79000  | 68        | mg/Kg-dry       | 10              | 1/26/2019     |
| Chromium           | 28     | 1.1       | mg/Kg-dry       | 10              | 1/26/2019     |
| Cobalt             | 19     | 1.1       | mg/Kg-dry       | 10              | 1/26/2019     |
| Copper             | 32     | 2.8       | mg/Kg-dry       | 10              | 1/26/2019     |
| Iron               | 27000  | 34        | mg/Kg-dry       | 10              | 1/26/2019     |
| Lead               | 15     | 0.56      | mg/Kg-dry       | 10              | 1/26/2019     |
| Magnesium          | 37000  | 34        | mg/Kg-dry       | 10              | 1/26/2019     |
| Manganese          | 550    | 1.1       | mg/Kg-dry       | 10              | 1/26/2019     |
| Nickel             | 46     | 1.1       | mg/Kg-dry       | 10              | 1/26/2019     |

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Date Reported: February 01, 2019

**ANALYTICAL RESULTS** 

Date Printed:

February 01, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19010622 Revision 1

Project: Lab ID: Franklin - EB 19010622-017 Client Sample ID: A-34

Collection Date: 1/23/2019 10:00:00 AM

Matrix: Soil

| Metals by ICP/MS Potassium | <b>SW6</b><br>3700<br>ND | 020A (SW   | 3050B)  | Pren      | Date: 4/05/0040 |                    |
|----------------------------|--------------------------|------------|---------|-----------|-----------------|--------------------|
| *                          | 3700                     | •          |         | 1100      | Date: 1/25/2019 | Analyst: MDT       |
| · otassiaiii               | ND                       | 34         | ·       | mg/Kg-dry | 10              | 1/26/2019          |
| Selenium                   | 110                      | 1.1        |         | mg/Kg-dry | 10              | 1/26/2019          |
| Silver                     | ND                       | 1.1        |         | mg/Kg-dry | 10              | 1/26/2019          |
| Sodium                     | 250                      | 68         |         | mg/Kg-dry | 10              | 1/26/2019          |
| Thallium                   | ND                       | 1.1        |         | mg/Kg-dry | 10              | 1/26/2019          |
| Vanadium                   | 30                       | 1.1        |         | mg/Kg-dry | 10              | 1/26/2019          |
| Zinc                       | 60                       | 5.6        |         | mg/Kg-dry | 10              | 1/26/2019          |
| TCLP Metals by ICP/MS      | SW1                      | 311/6020A  | (SW3005 | A) Prep   | Date: 1/29/2019 | Analyst: MDT       |
| Antimony                   | ND                       | 0.015      | ·       | mg/L      | 5               | 1/29/2019          |
| Arsenic                    | ND                       | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Barium                     | 0.84                     | 0.050      |         | mg/L      | 5               | 1/29/2019          |
| Beryllium .                | ND                       | 0.0050     |         | mg/L      | 5               | 1/29/2019          |
| Cadmium                    | ND                       | 0.0050     |         | mg/L      | 5               | 1/29/2019          |
| Chromium                   | ND                       | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Cobalt                     | 0.064                    | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Copper                     | ND                       | 0.10       |         | mg/L      | 5               | 1/29/2019          |
| Iron                       | ND                       | 0.25       |         | mg/L      | 5               | 1/29/2019          |
| Lead                       | ND                       | 0.0050     |         | mg/L      | 5               | 1/29/2019          |
| Manganese                  | 2.6                      | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Nickel                     | 0.13                     | 0.020      |         | mg/L      | 5               | 1/29/2019          |
| Selenium                   | ND                       | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Silver                     | ND                       | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Thallium                   | ND                       | 0.0050     |         | mg/L      | 5               | 1/29/2019          |
| Vanadium                   | ND                       | 0.010      |         | mg/L      | 5               | 1/29/2019          |
| Zinc                       | ND                       | 0.050      |         | mg/L      | 5               | 1/29/2019          |
| TCLP Mercury               | SW1                      | 311/7470A  |         | Prep      | Date: 1/29/2019 | Analyst: LB        |
| Mercury                    | ND                       | 0.00020    |         | mg/L      | 1               | 1/29/2019          |
| Mercury                    | SW7                      | 471B       |         | Prep      | Date: 1/28/2019 | Analyst: <b>LB</b> |
| Mercury                    | 0.024                    | 0.022      | •       | mg/Kg-dry | 1               | 1/29/2019          |
| Cyanide, Total             | SW9                      | 012A       |         |           | Date: 1/27/2019 | Analyst: MD        |
| Cyanide                    | ND                       | 0.31       | •       | mg/Kg-dry | 1               | 1/27/2019          |
| pH (25 °C)                 | SW9                      | 045C       |         | Prep      | Date: 1/25/2019 | Analyst: JT        |
| pH                         | 8.05                     |            |         | pH Units  | 1               | 1/25/2019          |
| Percent Moisture           | D297                     | <b>'</b> 4 |         | Prep      | Date: 1/24/2019 | Analyst: RW        |
| Percent Moisture           | 20.4                     | 0.2        | •       | wt%       | 1               | 1/25/2019          |

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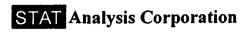
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e-mail address: STATinfo@STATAnalysis.com

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| Company: EGSL                     |  |               |                 |              | CH             | ΙΑΙ      | N OF CL    | JST       | OD1                | Y RE            | COI    | RD       | . ,.     | , .             | N       | <u>o</u> . |              |  |              |              | _          |            |                 |                                       |            |   |
|-----------------------------------|--|---------------|-----------------|--------------|----------------|----------|------------|-----------|--------------------|-----------------|--------|----------|----------|-----------------|---------|------------|--------------|--|--------------|--------------|------------|------------|-----------------|---------------------------------------|------------|---|
| Project Number:                   |  |               |                 |              |                |          |            |           | O. N               |                 |        |          |          |                 |         |            |              |  |              |              | Ya         | ge:        |                 | of                                    | -          |   |
| Project Name: FRANKLIN - EB       |  |               | Clien           | t Trac       | king           | No.:     |            | ]_        |                    |                 |        |          |          |                 |         | /          | _            | _                                      | _            |              | 7          |            |                 |                                       | _          |   |
| Project Location:                 |  |               |                 |              |                |          |            | ]Qı       | uote ]             | No.:            |        |          |          | ,               | X)      | /,         | //           | //                                     | //           | //           | //         | //         | //,             | //                                    | ٦          |   |
| Sampler(s):                       |  |               |                 |              |                |          |            |           |                    |                 |        |          |          | /\$             | V/      | //         | //           | //                                     | //           | //           |            | //         | //,             | //                                    |            |   |
| Report To: Bill G EGUL. C         | 200  | D)            |                 |              |                |          |            | ]         |                    |                 |        |          | Æ,       | Χ,              | //      | //         | //           | //                                     | //           | //           | //         | //         | //,             |                                       |            |   |
|                                   | 0701   | Phone:        |                 |              |                |          |            | 4         |                    |                 |        | A        |          | /,              | //      | /,         | //           | //                                     | //           | //           | //         | //         | //              |                                       |            |   |
| QC Level: 1 2 3                   | 4  | Fax:          |                 |              |                |          |            | 4         |                    |                 |        | 6/       | /        | /               | /,      | /,         | //           | /,                                     | //           | //           | //         | //         |                 | n Around                              | <u>!</u> : |   |
|                                   | <del>-</del>                                     | e-mail:       |                 | -            | -              | -        |            | ╛         |                    | K               | //     | /        |          | /               | /;      | //         | //           | //                                     | //           | //           | //         | <u> </u>   | 4-              | <u>DA Y</u>                           |            | ) |
| Client Sample Number/Description: | Date Taken                                       | Time<br>Taken | Matrix          | Comp         | gg<br>gg       | Peserv   | No. of     |           |                    | KY/             |        |          |          | /,              | /,      | //         | //           | //                                     | //           | //           | //         | _          | Resul           | s Neede                               | <u>!</u>   | _ |
| A-18                              | 1/23   | <del> </del>  |                 | 10           | _              | Æ        | Containers | /         |                    |                 |        |          | /        | /,              | //      | //         | //           | //                                     | //           | //           |            |            | /               | am/p                                  | m          |   |
| A.A                               | 1 1/43   | 0600          | 2               | +-           | X              |          | 4          | $\times$  | 1                  |                 |        |          | 7        | 7               | 1       | 1          | <del>/</del> | <del>/</del>                           | <del>-</del> |              | Ren        | narks      |                 | The Store                             |            |   |
| A-20                              | <del>                                     </del> | 0630          | -               | +            | Ш              |          |            | 11        |                    |                 |        |          | $\neg$   | 7               | +       | ╅╴         | ┿            | ╁╴                                     | ┼-           | ┼            |            |            |                 | erio<br>Ann Table±                    | 001        | ı |
| A-21                              | <del>                                     </del> | 0645          |                 | ┼            | ++1            |          |            | 11        |                    |                 |        |          |          | 7               | 1       | +          | +-           | ┿                                      | ╁            | ┼            |            |            |                 |                                       | 002        | Ļ |
| A-23                              |  | 0700          |                 | ┼—           | H              | _        |            | 11        |                    |                 |        |          |          | $\neg \uparrow$ | _       | 十          | +            | ┿                                      | ╁            | ┼──          |            |            |                 |                                       | 003        | , |
| A-23                              |  | 0715          |                 | ┼            | HH             |          |            | $\bot$    | Ц_                 |                 |        |          |          |                 |         | †          | †-           | †-                                     | ╆            | ┼            |            |            | _ 3             |                                       | JO6        |   |
| A-24                              |  | 0730          | -+-             | ┼            | ╀┦             |          |            | $\perp$   | Ш_                 |                 |        |          |          |                 | 1       | ╈          | †-           | ╁                                      | ┼-           | ┼            |            |            |                 | 4                                     | ردن 🖁      |   |
| A-25                              | ++   | 0745          |                 | ╀            | Ш              |          |            | $\perp 1$ |                    | $\Gamma^{-}$    | П      |          | 7        | •               | +       | ╅          | +-           | ╁╌                                     | ╄            | ┼            |            |            | 1.0             | 6.5                                   |            |   |
| A-26                              | <del>                                     </del> | 0800          |                 | -            | Щ              |          |            | Ш         |                    | $\Gamma$        |        |          | 7        | _               | +       | ┿          | ┿            | ╄┈                                     | ╄            |              |            |            |                 |                                       | 001        |   |
| A-37                              | +  | 0815          |                 | 1-           | Щ              |          |            | $\coprod$ | $\Gamma$           | T               |        |          | _        | +               | +-      | ┿          | +            | +-                                     | ┼            | ├            |            |            |                 |                                       | 008        | 5 |
| A-23                              | +  | 0830          |                 | -            | H              |          |            | $\prod$   |                    |                 |        |          | $\dashv$ | 十               | +       | ┿          | ┿            | ╄╌                                     | ┼            | <del> </del> |            |            | V Vac           | , , , , , , , , , , , , , , , , , , , | 009        |   |
| A-29                              | <del>                                     </del> | 0845          | -               | ┼            | HH             |          |            | $\coprod$ |                    |                 |        |          | $\neg$   | +               | ╁       | +-         | ╁            | ┼╌                                     | ╄            | ├            |            |            |                 |                                       | 010        | 7 |
| A-30                              | <del>                                     </del> | 900           |                 | -            | Ш              |          |            | Ш         |                    |                 |        | 7        | $\neg$   | _               | +       | ╁          | +-           | ╁╾                                     | ┼            | ├            |            |            | 12 Year         |                                       | OU         |   |
| A-31                              |  | 0915          | -+-             | ╂╌           | 44             | _        |            | Ш         | $\perp$            |                 |        | 7        | 7        | +               | ╅       | +          | ┿            | ╁╌                                     | ├            | <del> </del> |            |            |                 | 1,000                                 | 012        |   |
| A-3)                              |  | 0930          | -+              | <del> </del> | 44             |          |            | Ш         |                    |                 |        | ┪        |          | _               | ╅       | +-         | ┿            | ╁                                      | ├-           | <del> </del> |            |            | - 127           | ar angl                               | 013        |   |
| A-33                              |  | 0945          |                 | 1            |                |          |            | $\coprod$ | _                  |                 |        |          | 7        | _               | +       | +-         | ┿            | ╆                                      | ├            |              |            |            |                 |                                       | 014        |   |
| A-34                              |  | 1000          | <del>- J-</del> | ╂╌┤          | $\downarrow$   |          |            | Ц,        | _                  |                 |        |          |          | 1               | +       | +-         | ┿            | ╁╌                                     |              | ├            |            |            |                 |                                       | 015        |   |
|                                   |  |               |                 | ╀╌┤          | *              |          | -¥         | V         | ↓_                 |                 |        |          |          |                 | 7       | +-         | +-           | ┼-                                     | ├-           | <del> </del> |            |            |                 |                                       | 016        |   |
|                                   |  |               |                 | ╁╌┤          |                | $\dashv$ |            | <b> </b>  | ╄                  |                 |        |          |          | $\Box$          |         | 1          | 1            | 1                                      | ┝            | <del> </del> |            |            |                 |                                       | 017        |   |
|                                   |  |               |                 | ╁╌┤          | -+             |          |            | <b>-</b>  | ↓_                 | _               |        | _        |          |                 | $\top$  | 1          | 1            | _                                      | -            | <del> </del> |            |            |                 |                                       | 劃          |   |
| Relinquished by: (Signature)      |  | <u> </u>      |                 |              | <del>- /</del> | - )      |            | _         | 丄                  |                 |        |          |          |                 | 1       | T          | 1            | _                                      | -            | <del> </del> |            |            |                 | 1                                     | Ä          |   |
| Received by: (Signature)          | 1 60   | <del>}</del>  | Date/           |              |                | 3//      |            | Con       | nmen               | ts: /           | ' / -  | <u>س</u> |          |                 | بر      | -          | 4            | ــــــــــــــــــــــــــــــــــــــ | <b>-</b>     |              | A 20 - 120 | er area    |                 | / e <u></u> 1                         | Ē          |   |
| Relinquished by: (Signature)      | 1  | 9-            |                 | Timo:        | 120            |          | 99.50      | 1         |                    | (               | 1      | VA       | Y        | Ī               | Al      |            | ,            |  |              |              | Star We    | 200 Circle | in Prox         |                                       | A          |   |
| Received by: (Signature)          | - 6  | Z             | Date/           |              | 12             |          | 19938      | 1         |                    |                 |        | ۔۔       | 1        |                 |         |            | /            |  |              |              |            |            |                 |                                       | 4          |   |
| Relinquished by: (Signature)      | 911  |               | Date/           |              | 111            | 14       | 199:3      | 8         |                    |                 |        | []       | 4111     | IK              | AT<br>Y | 00         | ſ            |  |              | L.:          |            |            |                 | n la c                                | j          |   |
| Received by: (Signature)          |  |               | Date/1          |              |                |          |            | Pres      | serval             | tion C          | ode: A | \ = N    | One      | R - 1           | UNIO.   | _          |              |  |              | 103          | Pay 1      | Y          | egal<br>Turking | 1:0                                   | A          |   |
|                                   |  |               | Date/1          | Time:        |                |          |            | D         | ~ H <sub>2</sub> 5 | SO <sub>4</sub> | E - H  | CI       | Fe "     | 1357E-          |         | C =        | NaOI         | {                                      |              |              | 27.15.4    |            |                 | 100-0                                 | A          |   |



### Sample Receipt Checklist

| Client Name EGSL  |               | Date and Tin | ne Received: | 1/24/2019 9:38:00 AM                   |
|---|---------------|--------------|--------------|--|
| Work Order Number 19010622                                      |               | Received by: | EAA          | ,                                      |
| Checklist completed by:   | 24/19         | Reviewed by: | Initials     | 1/24/19<br>  bate                      |
| Matrix: Carrier name  | STAT Analysis |              |              |  |
| Shipping container/cooler in good condition?                    | Yes 🗹         | No 🗆         | Not Present  |  |
| Custody seals intact on shippping container/cooler?             | Yes 🗌         | No 🗆         | Not Present  |  |
| Custody seals intact on sample bottles?                         | Yes 🗌         | No 🗆         | Not Present  |  |
| Chain of custody present?                                       | Yes´ 🗹 ·      | No 🗆         | ,            |  |
| Chain of custody signed when relinquished and received?         | Yes 🗹         | No 🗆         |              |  |
| Chain of custody agrees with sample labels/containers?          | Yes 🗹         | No 🗆         |              | ,                                      |
| Samples in proper container/bottle?                             | Yes 🗹         | No 🗆         |              |  |
| Sample containers intact?                                       | Yes 🗹         | No 🗆         |              |  |
| Sufficient sample volume for indicated test?                    | Yes 🗹         | No 🖂         |              |  |
| All samples received within holding time?                       | Yes 🗹         | No 🗆         |              |  |
| Container or Temp Blank temperature in compliance?              | Yes 🗹         | No 🗆         | Temperature  | 4.2 °C                                 |
| Water - VOA vials have zero headspace? No VOA vials subm        | nitted 🖪      | Yes 🗳        | No 🗃         |  |
| Water - Samples pH checked?                                     | Yes 🕮         | No 🛍         | Checked by:  | ·                                      |
| Water - Samples properly preserved?                             | Yes 🖽 🤺       | No 🔠         | pH Adjusted? |  |
| Any No response must be detailed in the comments section below. |               |              |              |  |
| Comments:   |               |              |              |  |
|   |               |              |              |  |
|   |               | -            |              | ······································ |
| Client / Person Date contacted:                                 |               | Conta        | cted by:     |  |
| Response:   |               | •            |              |  |
| · .   |               |              |              |  |

#### APPENDIX I – IEPA January 18, 2019 Comment Letter and Requested Maps



#### APPENDIX E

IEPA Site Remediation Program Summary, March 29, 2019

| Site  | Remediation Pr   | ogram (SRP) Checklist  | ,                 |
|---|------------------|--|-------------------|
| LPC#: 0310965121                                | LP52: 07D        | Date: March 29, 2019   |                   |
| A   |                  | Summary  |                   |
| 1. SRP File Heading                             |                  | 0310965121/Cook County   |                   |
|   |                  | Franklin Park/Magellan Pipeline  |                   |
|   |                  | Site Remediation/Technical Reports   |                   |
| 2. General Site Inform                          | ation            | Magellan Pipeline  |                   |
| •   |                  | 10601 Franklin Avenue  |                   |
| •   |                  | Franklin Park, IL 60131  |                   |
|   |                  | Size of the Site: 48 acres   | ,                 |
| 2 Daniel Ameliana                               | (DA)             | PIN(s): 12-20-401-020  |                   |
| 3. Remedial Applicant                           | (RA)             | Bridge Development Partners Attn: Mark Houser  |                   |
|   |                  | 1000 Irving Park Road, Suite 150   |                   |
|   |                  | Itasca, IL 60143   |                   |
|   |                  | 847-531-3980   |                   |
| 4. Consultant                                   |                  | EGSL   |                   |
|   |                  | Attn: Bill Lennon IEPA-DIMSION OF F  | ECORDS MANAGEMENT |
|   |                  | 557 West Polk Street Suite 201   | D F 2040          |
|   |                  | Chicago, IL 60607  | <b>9 5</b> 2019   |
| •   |                  | 312-447-1200 REVIE   | VER: SAB          |
| ·   |                  | bill@egsl.com  | NEK: SAB          |
| 5. Property Owner                               |                  | Melanie Little   |                   |
|   |                  | Magellan Pipeline Company, L.P.  |                   |
|   |                  | One Williams Center MD 28  | •                 |
|   |                  | Tulsa, OK 74172  |                   |
|   |                  | 918-574-7531   |                   |
| 6. RELPE  | ·                | NA   |                   |
| 7. Illinois EPA Project                         | Manager          | Andrew Catlin  |                   |
|   | •                | 217-524-3290   |                   |
| · · · · · · · · · · · · · · · · · · ·           |                  | andrew.catin@illinois.gov  |                   |
| 8. DRM-1  |                  | Date Received: July 26, 2017   |                   |
| 0 Disha Te 17 (IA4                              | C D 1 (00)       | Log No: 17-65156   |                   |
| 9. Right To Know (IA)                           | 2 Part 1600)     | Date Completed: June 6, 2011   |                   |
|   |                  | Reviewed Not Referred: ⊠   |                   |
| 40 70   | • •              | Reviewed Referred:   |                   |
| 10. Environmental Just                          |                  | NA   | ,                 |
| 11. Site Investigation R                        |                  | Date Received: 08/15/17 Log No. 17-65297   | 1                 |
| 12. Remedial Objectives 13. Remedial Action Pla |                  | Date Received: 08/15/17 Log No. 17-65297  Date Received: 08/15/17 Log No. 17-65297   |                   |
| 14. Remedial Action Co                          |                  |  |                   |
| (RACR)  | inpletion Report | Supplement: 05/30/19 Log No. 19-69413  |                   |
| 15. LUST Incidents                              |                  | 903578 – LUST NFR issued 12/22/98  |                   |
| 16. IEMA Incidents                              |                  | 991878, 990556, 20140897   |                   |
| 17. Consent Order/CCA                           | .s               | NA   |                   |
|   | <del></del>      | I Company of the Comp | j                 |

| В.  | Project Summary:  |  |  |  |  |  |  |
|-----|---|--|--|--|--|--|--|
| 1.  | Type of NFR Letter Requested:   |  |  |  |  |  |  |
| -   | Land Use: Residential and/or Industrial Commercial □ Industrial/Commercial □  |  |  |  |  |  |  |
|     | Investigation: Comprehensive ⊠ Focused □  |  |  |  |  |  |  |
| 2.  | Site Description:   |  |  |  |  |  |  |
|     | Physical Description of the Site including past, current and future land use:   |  |  |  |  |  |  |
|     | Physical Description of the Site including past, current and future land use:  The site was previously occupied by Magellan Pipeline Company since at least 1931 and was used for the bulk storage of petroleum products. Prior to redevelopment, the site was improved with one 2,240 square foot office building, one 6,000 square foot loading rack building, one 800 square foot garage building and 20 above ground storage tanks (ASTs) ranging in size from 500 to 2,300,000 gallons. The property also contained underground and aboveground pipelines, gravel roads throughout the property and abandoned railroad tracks on the northeastern portion of the property. All of these historic structures (buildings, tanks, pipelines, rail road tracks, etc.) were removed from the site as part of the redevelopment activities. Redevelopment consisted of the construction of three large, slab-on-grade, single story warehouse buildings of 174,646, 277, 805 and 203,802 square feet, construction of associated asphalt and concrete parking areas and sidewalks, construction of two stormwater retention basins and placement of an alternative barrier in landscaped areas.  The site is relatively flat and largely covered by buildings and associated parking areas. Undeveloped areas include the retention basins and the western edge of the site where Silver Creek runs through the site from north to south.  Are there buildings (as defined for indoor inhalation) on-site: Yes No If yes, description of Building(s):  Three slab-on-grade warehouse buildings are present on-site covering 174,646, 277, 805 and 203,802 square feet. |  |  |  |  |  |  |
|     | Regional location and Surrounding Land Uses:  The site is located in a largely industrial/commercial area of Franklin Park. It is bounded on the north by Franklin Avenue and Interstate 294, on the east and west by developed industrial/commercial properties and on the south by Belmont Avenue across which are developed industrial/commercial properties. Adjacent to the southeast corner of the property across Belmont avenue is a residential area.  |  |  |  |  |  |  |
|     |   |  |  |  |  |  |  |
|     | Investigation Summary:  |  |  |  |  |  |  |
| 3a. | Investigation History and Recognized Environmental Conditions (RECs):   |  |  |  |  |  |  |
|     | November 1986 – In November of 1986 24,000 gallons of gasoline were released near Tank 272. 10,400 gallons were immediately recovered. Limited soil excavation and discing activities were then conducted to address the release. In 1987 a subsurface investigation was conducted in   |  |  |  |  |  |  |

response to the release consisting of seven soil borings (TB-1 through TB-7), installation of seven monitoring wells (MW-1 through MW-7) and the collection of surface water samples. Little information about this investigation is available.

1998 – An additional ten monitoring wells (MW-08 through MW-17) were installed at the site to form a perimeter monitoring network. No details concerning this work were available.

March 1999 – 42-48 gallons of a mixture of gasoline, diesel fuel and water were released from a product recovery sump. IEMA incident number 991878 was assigned to this release. Absorbent pads and absorbent booms were placed around the area and standing product was vacuumed and placed back into the sump. Affected soil, grass and crushed stone were then excavated to a depth of 3 to 6 inches. Approximately 10 cubic yards of soil were removed for off-site disposal. The excavated area was backfilled with clean soil.

April 1999 – Environmental Strategies Consulting, LLC (ESC) collected soil samples from nine soil borings (P-1 through P-9) to evaluate soil conditions following the March 1999 release. Two additional samples (P-4a and P-5a) were collected following additional soil excavation work that was conducted after the initial soil excavation activities. The soil samples were analyzed for BETX and PNAs.

August 1999 – Approximately 90 gallons of a gasoline and diesel fuel mixture was released from the sump system in the same area as the march 1999 release. IEMA Incident number 990556 was assigned to this release. Absorbent pads, buckets and a vacuum truck were used to collect product immediately following the release. Affected soil was then excavated from the release area to a depth of 3 to 8 feet below grade. A total of approximately 225 cubic yards of soil were removed and disposed of off-site. The excavation was backfilled with clean soil. An additional monitoring well (MW-19) was also installed sometime in 1999.

April 2004 – Environmental Strategies Consultants (ESC) conducted slug test on three wells (MW-8, MW-16 and MW-19) resulting in values of 3.54×10<sup>-6</sup> to 3.08×10<sup>-4</sup> cm/sec. and sampled monitoring wells MW-01 through MW-08, MW-10, MW-12 through 14 and MW-16 through MW-19. The groundwater samples were analyzed for BETX and Hexane.

April 2017 – Weaver Consulting Group (WCG) advanced 74 soil borings and collected 82 soil samples and two sediment samples from Silver Creek. The samples were analyzed for the Target Compound List parameters, or some combination of VOCs, PNAs, RCRA metals TPH, TCLP metals, SPLP metals, foc and pH. In addition, all existing monitoring wells (installed previously at the site with little background concerning dates and details of their installation) were sampled (twelve existing wells MW-01, MW-03 through MW-06, MW-08, MW-10, MW-12, and MW-14A through MW-19) and two temporary monitoring wells (TW-01 and TW-02) were installed and sampled. Groundwater samples were analyzed for the Target Compound List parameters or BTEX, MTBE, PNAs, total and dissolved RCRA metals.

November 2017 – EGSL removed 11,834 tons of impacted soils from four excavation areas and disposed of the soil off-site. A total of 40 floor and sidewall samples were collected from the excavations and disposed of off-site. The samples were analyzed for BETX and GRO, DRO and ERO range TPH. [Excavation area #3 included the former location of the 6,000-gallon diesel UST associated with LUST Incident #903578]

May 2018 – EGSL collected 9 soil gas samples (SG-1N, SG-1C, SG-1S, SG-2N, SG-2C, SG-2S, SG-3N, SG-3C, and SG-3S) throughout the site.

July 2018 – EGSL advanced five soil borings (B-101 through B-105) at the site to complete delineation of contaminants. Soil sample were collected and analyzed for either benzene, 2-methylnapthalene or 1,1,2,2-tetrachlorethane or a combination of these parameters.

|     | ·  |
|-----|--|
| •   |  |
|     | October 2018 – EGSL excavated two areas along Silver Creek to address Arsenic exceedances that will not be covered by proposed engineered barriers. A total of ten floor and sidewall  |
|     | samples were collected from the excavations and analyzed for arsenic.  |
|     | April 2019 – EGSL excavated two areas west of Silver Creek at sampling locations HA-03 and HA-05 where arsenic concentrations were identified above applicable soil ingestion objectives. Approximately 0.25 cubic yards of material were removed, and ten confirmation samples were collected (4 sidewall and one floor from each excavation location) and analyzed for total arsenic.  |
|     | May 2019 – EGSL returned to over excavate the previous excavation at the HA-05 location to address two sidewall samples that exceeded the applicable soil ingestion objectives. An additional 0.125 cubic yards of material was removed, and two sidewall samples were collected and sent for analysis for total arsenic. Both samples were below the applicable Tier 1 soil ingestion objective (13 mg/kg) for total arsenic.   |
|     | PCBs No □ Yes < 1 ⊠ Yes >1 □   |
|     | Soil Gas Samples Collected: Yes 🖾 No 🗆   |
|     | Free Product Yes 🗵 No 🗆  |
| 3b. | Geology and Hydrogeology: Class I ⊠ Class II □   |
|     | Soil:  |
|     | On-site investigative activities generally encountered topsoil or fill materials consisting of gravel and or silty/sand from the ground surface to six inches to two feet below ground surface (bgs). Beneath the surface materials was brown and gray mottled silty clay containing some gravel and sand to depths of nine to ten feet bgs. Beneath the silty clay is a lean clay that extends to the maximum depth investigated of 30 feet bgs. Within the silty clay unit gray sandy silt and grey silty sand were encountered in some borings.   |
|     | foc:   Value: Five samples were collected that ranged from 1.13 to 5.8 percent. FOC samples were not approved for calculating Tier 2 objectives.   |
|     | <u>Groundwater</u> :   |
|     | Groundwater was generally encountered at between four and seven feet below ground surface.   |
|     | Hydrogeologic Data: Hydraulic Conductivity: 3.08×10 <sup>-4</sup> cm/sec (value used in modeling) Hydraulic Gradient: 0.009 ft/ft  |
|     | Groundwater Flow Direction: Variable to the south/southwest on the western portion of the site and to the south/southeast on the eastern portion of the site.  |
|     | <u>Surface Water:</u> The nearest surface water body is Silver Creek which runs through the western edge of the site.  |
|     | • Is the site within the setback zone of a potable well: Yes □ No ☒  |
|     | <ul> <li>Are any potable private wells within 1000 feet or public wells within 2500 feet of the site?</li> <li>Yes □ No ☒</li> </ul>   |
|     | the state of the s |

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| search radius.  • Is contamination measures □ No⊠     | red or modeled within the setb           |  |
|---|--|--|
| Remediation Objectives:                               | latory Requirements/Determ               | Inations:  |
| Tier Level: Tier 1 ⊠ Tie<br>Land Use Scenario: Reside | er 2                                     |  |
|   |  | I II E A JJ  |
| Exposure Route and Medium                             | Contaminants exceeding Tier 1 objectives | How Exceedances are Addresse   |
| Mediuiti  | SOIL                                     |  |
|   | J  | The exposure route was exclude   |
| Soil Ingestion (mg/kg):                               | Arsenic                                  | utilizing engineered barriers consisting of building foundations, concrete and asphapavement and an alternate barriconsisting of 18 inches of clean soil over a Mirafi 180N geotext that will cover the entire site with exception of the area immediately along and west of Silver Creek. Soil excavation are removal was used to address exceedances within, immediate along and west of Silver Creek that will not be covered by engineered barriers. |
| Soil Outdoor Inhalation (mg/kg):                      | Benzene<br>Naphthalene<br>Ethylbenzene   | The exposure route was exclude utilizing the concrete building foundation and concrete and asphalt pavement as engineered barriers to eliminate exposure to the contaminants.  |
|   | Construction Worker Expos                | sure Route   |
| Soil Ingestion (mg/kg)  Soil Outdoor Inhalation       | None Benzene Naphthalene Ethylbenzene    | The exposure route was exclude utilizing an institutional control requiring a worker safety plan f   |

| - Son Compon  | nent to the Groundwater Inge   | estion Exposure Route   |
|---|--|---|
| Soil Component of Groundwater Ingestion (mg/kg) □ SPLP/TCLP (mg/L) □  | Benzene Ethylbenzene Xylene 1,1,2,2-Tetrachloretheane 2-Methylnapthalene           | The exposure route was excluded utilizing an on-site groundwater use restriction as an institutional control.   |
| ·   | GROUNDWATER  | <u> </u>  |
| Groundwater Ingestion (mg/L)  | Benzene<br>Iron  | The exposure route was excluded utilizing an on-site groundwater use restriction as an institutional control.   |
|   | INDOOR INHALATI  |   |
|   | cals Detected Soil 🛛 Grou  | undwater ⊠ Soil Gas ⊠<br>ab on-grade restriction needed.  |
| Groundwater (mg/L)  | Benzene  | Soil gas samples were collected in areas of groundwater exceedances. Soil gas sample results did not exceed the Tier 1, Table H remediation objectives. |
| Soil Gas (mg/m³)  | None   |   |
| ription of how the remediati  | •  | l Approach to Corrective Action   |
| ectives ("TACO") criteria (3  Alternative Assessments Pe  | ·  | npliance:   |
| Alternative Assessments Per ProUCL  Explain:  | 5 Ill. Adm. Code 742):  rformed to Demonstrate Con                                 | npliance:   |
| Alternative Assessments Per ProUCL □ Explain: Alternate Barrier □   | rformed to Demonstrate Con<br>a soil over a Mirafi 180N geote:<br>18, 2019<br>ain: | npliance:  xtile for exclusion of the ingestion   |
| Alternative Assessments Per ProUCL ☐ Explain: Alternate Barrier ☒ Type: 18 inches of clean exposure route. Approval Date: March Area Background ☐ Explain | rformed to Demonstrate Con<br>a soil over a Mirafi 180N geote:<br>18, 2019<br>ain: |   |

| _         | ·  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|
| 5b        | Remedial Action(s) Performed:  |  |  |  |  |  |
|           | Limited remedial efforts were conducted in response to releases at the site and are discussed in   |  |  |  |  |  |
|           | Section 3a above. After entrance into the SRP program, remediation conducted in pursuit of the   |  |  |  |  |  |
|           | NFR determination included the excavation of soil above soil saturation limits and soil  |  |  |  |  |  |
|           | attenuation limits in four excavations resulting in the removal and off-site disposal of 11,834  |  |  |  |  |  |
|           | tons of impacted soil. In addition, four small excavations were conducted to address arsenic   |  |  |  |  |  |
|           | exceedances along and west of silver creek resulting in the removal and off-site disposal of three   |  |  |  |  |  |
|           | 55-gallon drums of impacted soil.  |  |  |  |  |  |
|           | For PCBs >1 ppm, was USEPA approval received? No  Yes  Date: NA  |  |  |  |  |  |
| <b>5.</b> | Site Specific Modeling:  |  |  |  |  |  |
|           | Groundwater modeling was conducted utilizing equations S17, R14 and R26 to determine the   |  |  |  |  |  |
|           | maximum distance contaminants might migrate before meeting the Class 1 groundwater   |  |  |  |  |  |
|           | standards and the surface water quality standards. Modeling demonstrated that contaminants would not migrate beyond the Remediation Site boundary above the Class 1 standard and would   |  |  |  |  |  |
|           | not migrate to Silver Creek above the surface water quality standards.   |  |  |  |  |  |
|           | The same of the second decree and continue of the second decree of the s |  |  |  |  |  |
|           | If R26 was used, does modeling indicate contamination may migrate off-site? Yes □ No ☒   |  |  |  |  |  |
| 7.        | NFR Letter Restrictions  |  |  |  |  |  |
|           | Institutional Controls:  |  |  |  |  |  |
|           | G. 7.  |  |  |  |  |  |
|           | Soil:  • Industrial/Commercial Land Use ⊠  |  |  |  |  |  |
|           | Construction Worker Caution ⊠  |  |  |  |  |  |
|           | Highway Authority Agreement  |  |  |  |  |  |
|           | • Environmental Land Use Control (ELUC) □  |  |  |  |  |  |
|           | • Other   Explain:   |  |  |  |  |  |
|           | - Cinci - Explain.   |  |  |  |  |  |
|           | Groundwater:   |  |  |  |  |  |
|           | Municipal Ordinance □ Number: Notification Required? Yes □ No □  |  |  |  |  |  |
|           | On-site Groundwater Use Restriction ⊠  |  |  |  |  |  |
|           | Highway Authority Agreement (HAA) □  |  |  |  |  |  |
|           | Environmental Land Use Control (ELUC) □  |  |  |  |  |  |
|           | Indoor Inhalation:   |  |  |  |  |  |
|           | Any existing or potential building has a full concrete slab-on-grade or full concrete  |  |  |  |  |  |
|           | basement floor and walls.  |  |  |  |  |  |
|           | ■ Building Control □ Current □ Future □  |  |  |  |  |  |
|           | Sub-slab depressurization (SSD) system □   |  |  |  |  |  |
|           | Sub-membrane depressurization (SMD) system □   |  |  |  |  |  |
|           | Membrane barrier system □  |  |  |  |  |  |

|    | Vented raised floors □  | )           |                                 |                     |  |
|----|---|-------------|---------------------------------|---------------------|--|
|    | Other Details:  |             | •                               |                     |  |
|    | <ul> <li>Sealed Sump  </li> <li>Environmental Land Use Control</li> </ul> | ol 🗆        |                                 |                     |  |
| •  | Engineered Barriers:  | ,           |                                 |                     |  |
|    | Type of Barrier:  | •           |                                 | ·                   |  |
|    | • Clean Soil □ 3' □ Ingestion   | 10' □       | Ingestion                       | Inhalation □        |  |
|    | <ul> <li>Asphalt ⊠</li> </ul>   |             | Ingestion 🖾 :                   | Inhalation ⊠        |  |
|    | • Concrete Pavement ⊠   |             | Ingestion 🗵                     | <b>Inhalation</b> ⊠ |  |
|    | Concrete Building Slab ⊠  |             | Ingestion 🖾                     | Inhalation 🖾        |  |
|    | • Alternative Barrier ⊠ Details: 18 inches of clean soil ove              | er a Mirafi | Ingestion ⊠<br>180N geotextile. | Inhalation          |  |
|    | Other:  |             |                                 |                     |  |
| 8. | USEPA involvement: NA   |             |                                 |                     |  |

. . .

•

#### NFR Institutional Control-SRP Form 2

JUL 05 2019

REVIEWER: SAB

LPC # 0310965121 -Cook County Franklin Park/Magellan Pipeline SRP/Technical Reports

The Remaining soil or groundwater concentrations for the contaminants of concern:

| Soil – Inhalation and Ingestion                      |       |    |   |   |
|--|-------|----|---|---|
| ☑ Less than 100X the Tier I Residential              |       |    |   | • |
| □ 100X to 1000X the Tier I Residential Criteria      |       |    |   |   |
| □ 1000X to 10,000X the Tier I Residential            |       |    | - |   |
| Greater than 10,000X the Tier I Residential Criteria |       | •  |   |   |
|  |       |    |   |   |
| Groundwater  |       |    |   |   |
| Less than 100X the Tier I Criteria                   |       |    | • |   |
| ☐ 100X to 1000X the Tier I Criteria                  |       |    |   |   |
| ☐ 1000X to 10,000X the Tier I Criteria               |       |    |   |   |
| ☐ Greater than 10,000X the Tier I Criteria           | •     |    |   |   |
| ☐ No groundwater encountered                         |       |    |   |   |
|  |       |    |   |   |
|  | •     |    |   |   |
| Determination  |       |    | • |   |
| Special Category                                     |       | \$ |   |   |
| Recommended Inspection Frequency Every               | Years |    |   |   |
| Special Category Requires Section Manager Signature  |       |    |   |   |

### APPENDIX F

Supplement to the February 1, 2019 RACR





1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 -(217)782-3397

JB PRITZKER, GOVERNOR

ALEC MESSINA, DIRECTOR

217/524-3290

January 17, 2019

Mr. Mark Houser Bridge Development Partners 1000 Irving Park Road, Suite 150 Itasca, IL 60143

Re:

LPC# 0310965121 - Cook County Franklin Park/Magellan Pipeline Site Remediation/Technical Reports

Dear Mr. Houser:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the Response to IEPA's Comments from the June 8, 2018 Comment Letter Disapproving the EGSL Comprehensive Site Investigation Report/Remediation Objectives Report/Remedial Action Plan Report and Addendums (CSIR/ROR/RAP), dated July 20, 2018 and the Supplement to EGSL's July 20, 2018 Response Letter to IEPA, dated October 25, 2018 (Illinois EPA Log Nos. 18-67565 and 18-68243) prepared by Environmental Group Services Limited for the Site Remediation Project located at 10601 Franklin Avenue, Franklin Park, Illinois. The documents referenced above have been approved with the following comments.

- 1. In a January 15, 2019 e-mail, EGSL provided the Illinois EPA with an electronic copy of a site base map showing the locations of soil gas sampling locations in relationship to the groundwater sampling locations. Please include a hard copy of this map in the Remedial Action Completion Report for inclusion in the Illinois EPA's permanent file.
- 2. Figures 3 and 2B were not included in the hard copy of the Supplement to EGSL's July 20, 2018 Response Letter to IEPA, dated October 25, 2018. Please include hard copies of these maps in the Remedial Action Completion Report for inclusion in the Illinois EPA's permanent file.

Please submit two (2) copies of all future reports or correspondence to the Illinois EPA regarding this site. Also, the Illinois EPA requests not less than fourteen (14) calendar days notification of all future site investigation and remedial activities in order to coordinate Illinois EPA oversight. This notification is particularly important when groundwater or soil samples are being collected. Failure to notify the Illinois EPA may invalidate sample analysis results and/or other site

activities. If you have any questions regarding the comments above, I may be contacted at the address or telephone number above.

Sincerely,

Andrew M. Catlin, L.P.G.

Project Manager

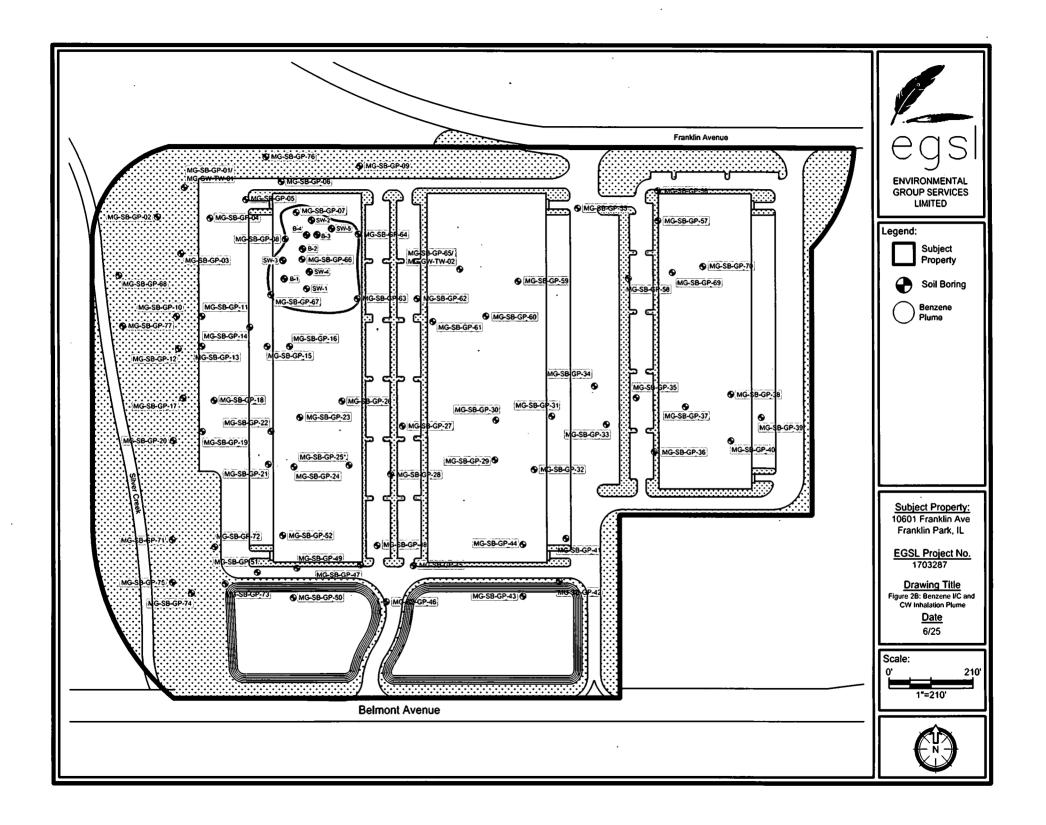
Voluntary Site Remediation Unit Remedial Project Management Section Division of Remediation Management Bureau of Land

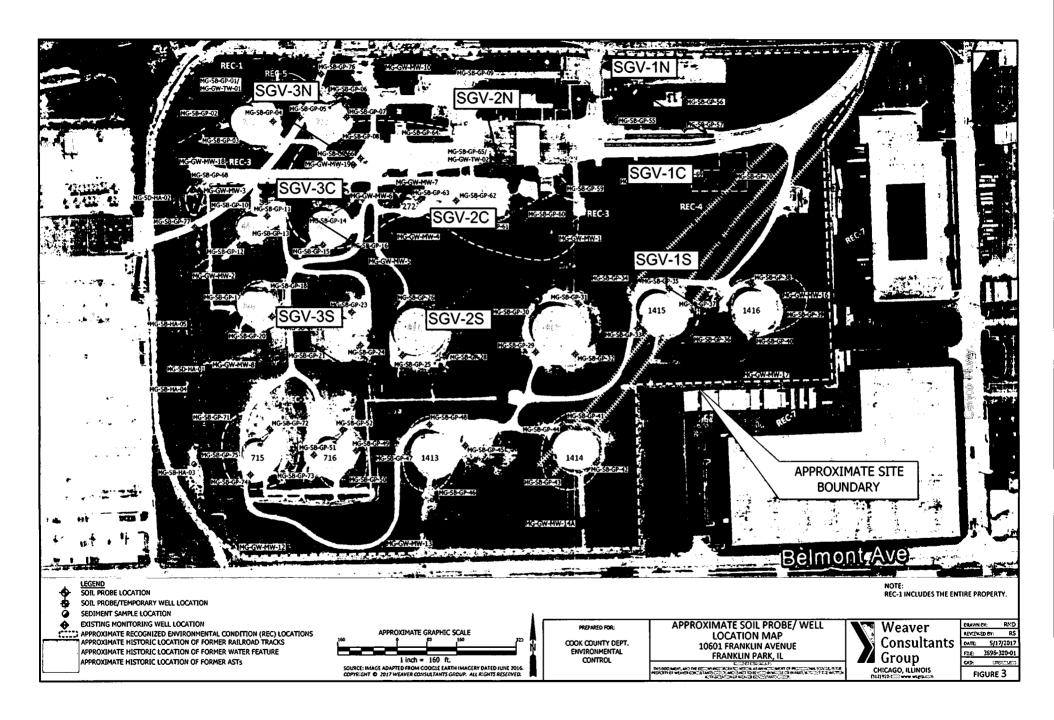
cc: Melanie Little

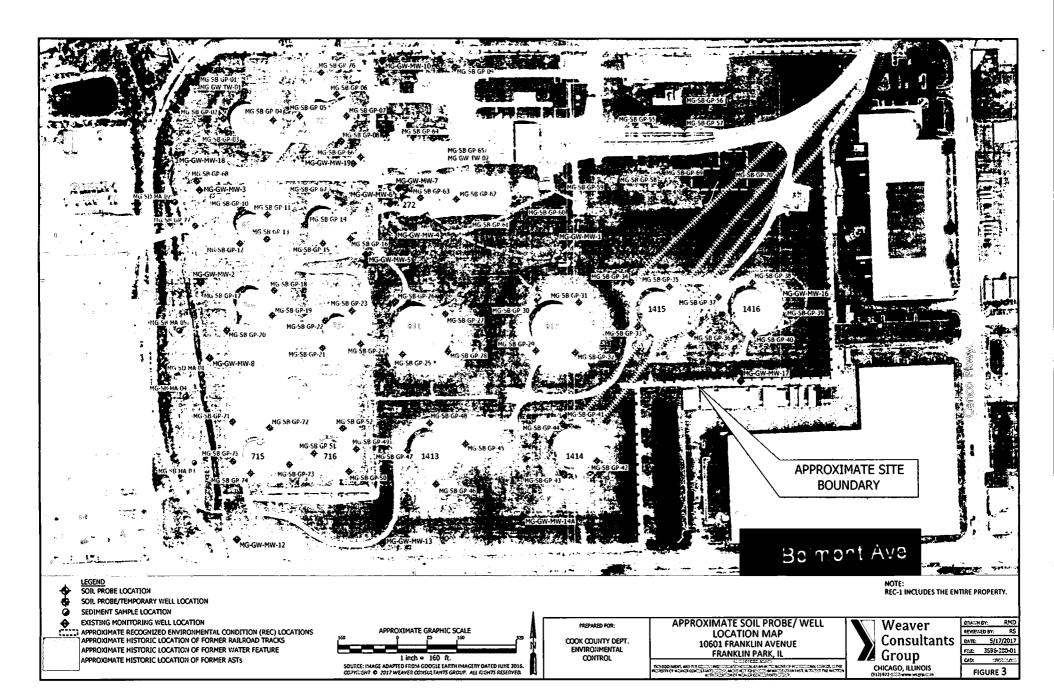
Magellan Pipeline Company, L.P. One Williams Center MD 28 Tulsa, OK 74172

William Lennon EGSL bill@egsl.com

Bureau of Land File







### APPENDIX J - Mirafi® 180N Spec Sheet





### Mirafi® 180N





Mirafi® 180N is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi® 180N is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids. Mirafi® 180N meets AASHTO M288-15 Class 1 for Elongation > 50%.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). NTPEP Listed

| Mechanical Properties        | Test Method | Unit                   | Minimum<br>Roll \ |             |
|------------------------------|-------------|------------------------|-------------------|-------------|
| ·                            |             |                        | MD                | CD          |
| Grab Tensile Strength        | ASTM D4632  | lbs (N)                | 205 (912)         | 205 (912)   |
| Grab Tensile Elongation      | ASTM D4632  | %                      | 50                | 50          |
| Trapezoid Tear Strength      | ASTM D4533  | lbs (N)                | 80 (356)          | 80 (356)    |
| CBR Puncture Strength        | ASTM D6241  | lbs (N)                | 500 (2            | 2224)       |
|                              |             |                        | Maximum O         | pening Size |
| Apparent Opening Size (AOS)  | ASTM D4751  | U.S. Sieve (mm)        | 80 (0             | ).18)       |
|                              |             |                        | Minimum           | Roll Value  |
| Permittivity                 | ASTM D4491  | sec-1                  | 1.                | 4           |
| Flow Rate                    | ASTM D4491  | gal/min/ft² (l/min/m²) | 95 (3             | 870)        |
|                              |             |                        | Minimum           | Test Value  |
| UV Resistance (at 500 hours) | ASTM D4355  | % strength retained    | 7                 | 0           |

| Physical Properties              | Unit     | Roll                   | Sizes                  |
|----------------------------------|----------|------------------------|------------------------|
| Roll Dimensions (width x length) | ft (m)   | 12.5 x 360 (3.8 x 110) | 15 x 300 (4.57 x 91.4) |
| Roll Area                        | yd² (m²) | 500                    | (418)                  |

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365 South Holland Drive Pendergrass, GA 30567

Tel 706 693 2226 Tel 888 795 0808 Fax 706 693 4400 www.tencate.com







### FILE COPY O310965: Illinois Environmental Prote(SR/TECH

0310965121-Cook Franklin Park/Magellan Pipeline Co.

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Site Remediation Program Form (DRM-2)
ILEPA - DIVISION OF RECORDS MANAGEMENT
(To be Submitted with all Plans and Reports)
RELEASABLE

You may complete this form online, save a copy, print, sign and mail it to the address above.

| I. Site Identifi        | cation:                          |                    |                          | JUN 26 2019                   |
|-------------------------|----------------------------------|--------------------|--------------------------|-------------------------------|
| Site Name:              | Magellan Pipeline Chicago Ter    | minal              |                          | >-\ /1-\ //-> \ \             |
| Street Address:         | 10601 Franklin Avenue            |                    |                          | REVIEWER: RDH<br>P.O. Box:    |
| City:                   | Franklin Park                    | State: <u>IL</u>   | Zip Code: 60131          | Phone: 847 531 3980           |
| -                       | D Number: 0310965121             |                    | Incident Number:         |                               |
| II. Remediation         | •                                | 12110              |                          |                               |
| Applicant's Name        |                                  | ser                |                          |                               |
| Company:                | Bridge Development Partners      | <del></del>        |                          |                               |
| Street Address:         | 1000 Irving Park Rd. Suite 150   |                    | · · · <del>-</del>       | P.O. Box:                     |
|                         | <del></del>                      |                    | Zip Code: 60143          | Phone: 847 531 3980           |
| City:<br>Email Address: | mhouser@bridgedev.com            | State. <u>!</u>    | Zip Code. <u>*** ***</u> | Filone. Ottobal               |
|                         |                                  | evaluate the attac | hed project documents in | accordance with the terms and |
| conditions of the       | Environmental Protection Act (4) | 15/LCS \$), imple  | menting regulations, and | the review and evaluation     |
| services agreeme        |                                  | / ////             |                          | 1-10                          |
| Remediation App         | licant's Signature:              | w & Hour           | u                        | Date: <u>\$/\\$/_/</u> *      |
| III. Contact Po         | erson for Remediation Ap         | plicant:           |                          |                               |
| Contact's Name:         | Mr./Ms. Mr. Mark Hous            | er                 |                          |                               |
| Company:                | Bridge Development Partners      |                    |                          |                               |
| Street Address:         | 1000 Irving park Rd.             |                    | <del></del>              | _ P.O. Box:                   |
| City:                   | Itasca                           | State: <u>II</u>   | Zip Code: <u>60143</u>   | Phone: <u>847 531 3980</u>    |
| Email Address:          | mhouser@bridgedev.com            |                    |                          |                               |
| Contact Perso           | on for Consultant:               |                    |                          |                               |
| Contact's Name:         | Mr./Ms. Mr. Bill Lennon          |                    |                          |                               |
| Company:                | EGSL                             |                    |                          |                               |
| Street Address:         | 557 West Polk Street, Suite 20   | 1                  |                          | _ P.O. Box:                   |
| City:                   | Chicago                          | State: <u>IL</u>   | Zip Code: 60607          | Phone: (312)447-1200          |
| Email Address:          | bill@EGSL.com                    |                    |                          |                               |
| IV. Review &            | Evaluation Licensed Prof         | fessional Eng      | ineer or Geologist (     | "RELPEG"), if applicable:     |
| RELPEG's Name           | e: Mr./Ms. <u>Mr.</u>            |                    |                          |                               |
| Company:                |                                  |                    |                          |                               |
| Street Address:         |                                  |                    | ,                        | P.O. Box:                     |
| City:                   |                                  | State:             | Zip Code:                | Phone:                        |
| Email Address:          |                                  |                    |                          |                               |
|                         |                                  |                    | REC                      | EIVED                         |

MAY 3 0 2019

**IEPA/BOL** 

Page 3 of 4 V. Project Documents Being Submitted: **Date of Preparation** Document Title: RACR Supplement of Plan or Report: 5/22/19 **EGSL** Prepared For: IEPA Prepared by: Type of Document Submitted: Site Investigation Report - Comprehensive Sampling Plan Site Investigation Report - Focused Health and Safety Plan ☐ Community Relations Plan Remediation Objectives Report - Tier 1 or 2 Remediation Objectives Report - Tier 3 Risk Assessment Remedial Action Plan Containment Fate & Transport Modeling Other: RACR Supplement Remedial Action Completion Report Date of Preparation Document Title: of Plan or Report: Prepared For: Prepared by: Type of Document Submitted: Site Investigation Report - Comprehensive Sampling Plan Health and Safety Plan Site Investigation Report - Focused Remediation Objectives Report - Tier 1 or 2 ☐ Community Relations Plan Remediation Objectives Report - Tier 3 ☐ Risk Assessment Remedial Action Plan Containment Fate & Transport Modeling Remedial Action Completion Report Other: \_\_\_\_\_ Date of Preparation of Plan or Report: Document Title: Prepared by: Prepared For: \_\_\_\_\_ Type of Document Submitted: Sampling Plan Site Investigation Report - Comprehensive Health and Safety Plan Site Investigation Report - Focused Community Relations Plan Remediation Objectives Report - Tier 1 or 2 Remediation Objectives Report - Tier 3 Risk Assessment Remedial Action Plan Containment Fate & Transport Modeling Remedial Action Completion Report Other:

The appearance of some of the images following this page is due to

**Poor Quality Original Documents** 

and not the scanning or filming processes.

Com Microfilm Company (217) 525-5860

.....

### VI. Professional Engineer's or Geologist's Seal or Stamp:

Remedial Action Completion Reports.

I attest that all site investigations or remedial activities that are subject of this plan(s) or report(s) were parformed under my direction, and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the plan and report has been designed or completed in accordance with the tilinois Environmental Protection Act (415 ILCS 5), 35 II. Adm. Code 740, and generally accepted engineering practices or principles of professional geology, and the information presented is accurate and complete.

| Any person who knowingly makes a false, Scilious, or fraudulent material statement, emily a second or subsequent effects offer conviction is a Class 3 latenty. (415 LCS S/44(h))   | of in writing, to the timeic EPA signal SURIA (Englary, A  |
|---|--|
| Engineer's or Geologist's Name: Harold A. Smith, P.E.   | GOOD Sea of Stamp:   |
| Company: EGSL   | 062-90217  |
| Registration Number: 062-030217 Phone: 312-447-   | 1200   |
| License Expiration Date: 11/30/2019   | Mary No.   |
| Signature: Allered a. /mith   | Date: 5/08/19 OF ILLINOIS  |
| Note: The authority of a Licensed Professional Geologist to certify documents submits and evaluation personnent to Title XVII of the Environmental Protection Act is limited to 1 A. \$2-0735, effective July 25, 2002. A Licensed Professional Geologist community or the Research Control of Control Control of Con | and to the Minois Environmental Protection Agency for review<br>Stip Investigation Reports M35 R CS 88 270, as appeared by 9 |

All information submitted is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially so a trade expense or secret process in accordance with the Unios Compiled Statutes, Section 7(e) of the Emvironmental Protection Act, applicable Rules and Regulations of the Winess Pollution Control Board and applicable Minds EPA rules and guidelines. The Illinois EPA is authorized to require this information under Sections 415 ILCS 5/36 - 58.12 of the Emvironmental Protection Act and regulations proventingstod thereunded. Disclosure of this information is required as a condition of positiopetion in the Site Remediation Program. Peaker to do so may prevent this form from treing processed and could result in your plan(s) or report(s) being rejected. This form has been approved by the Forms Management Center.

Mr. Andrew Catlin, L.P.G.
Illinois Environmental Protection Agency
Voluntary Site Remediation Unit
Remedial Project Management Section
Division of Remediation Management
Bureau of Land

FILE COPY

\_May 22, 2019

19-69413

0310965121-Cook Franklin Park/Magellan Pipeline Co. SR/TECH

Regarding:

**SUPPLEMENT to EGSL's February 1, 2019 RACR** 

0310965121-Cook County Franklin Park/Magellan Pipeline

Site Remediation Program/Technical Reports

RECEIVED

MAY 3 0 2019

Dear Mr. Catlin,

**IEPA/BOL** 

The purpose of this letter is to formally provide you with supplemental information pertaining to EGSL's February 1, 2019 RACR that was previously submitted to the IEPA (received February 7, 2019), which was approved by the IEPA on April 3, 2019. At the time of submittal of the RACR, engineered barriers were only in place for the eastern 2/3 of the Subject Property (aka Buildings/Lots 1 and 2) and were subsequently approved by the IEPA.

It should be noted that site development of the western 1/3 (aka Building/Lot 3) has since been completed and engineered barriers are in place. The following information is provided as a supplement to the previously approved RACR:

- During Weston's 2017 Phase II Subsurface Investigation (previously submitted), three samples were obtained from the undeveloped grassy area west of Silver Creek along the far western portion of the site. Of those three samples no chemicals of concern were detected above IEPA Tier 1 ROs with the exception of Arsenic. Arsenic was detected in HA-03 and HA-05 at concentrations of 15 mg/Kg and 31 mg/Kg, respectively. In order to eliminate the need for an engineered barrier requirement in the undeveloped grassy portion of Silver Creek, EGSL excavated the soils from HA-03 and HA-05. On April 30, 2019, approximately 0.25 cubic yards of soil were removed and collected by North Branch Environmental for disposal at an approved Subtitle-D landfill. EGSL obtained ten (10) total confirmation soil samples from the excavation areas (four wall samples and one floor sample from each excavation area) and submitted the samples to STAT Analysis Corporation (STAT) for analysis of Arsenic. According to the analytical results, two of the wall samples from the HA-05 excavation area contain Arsenic at concentrations of 17 mg/Kg and 21 mg/Kg. As such, on May 21, 2019, EGSL excavated an additional 0.125 cubic yards of soil, and two additional wall samples were submitted to STAT for analysis of Arsenic. According to the laboratory results, neither of these samples contained Arsenic at concentrations above Tier 1 ROs. As such, based on Weston's previous sampling activities and the recent excavation of Arsenic impacted soils, EGSL has determined that the need for an engineered barrier requirement for the undeveloped grassy area located west of Silver Creek is no longer necessary.
- EGSL had previously submitted documentation pertaining to the landscaped areas and associated engineered barriers for Lots 1 and 2 which has been approved and implemented. The landscaped areas for Lot 3 are now complete and have followed the previously approved Remedial Action



Plan and Alternative Barriers. Approximately 7,500 cubic yards of clean soil was utilized for the 1.5' barrier in the landscaped areas; as such, sixteen (16) soil samples were submitted to STAT for analysis of TCL indicator contaminants. According to the analytical results, no chemicals of concern were detected above any Tier 1 Remediation Objectives.

• An updated Site Base Map has been completed and is attached.

Based on the previously approved RACR and subsequent draft NFR, EGSL has provided this supplemental information in order to obtain a comprehensive NFR letter for the entire site at this time.

Thank'you for all of your help on this project. Please do not hesitate to let us know if you need any additional information.

Sincerely,
ENVIRONMENTAL GROUP SERVICES, LIMITED

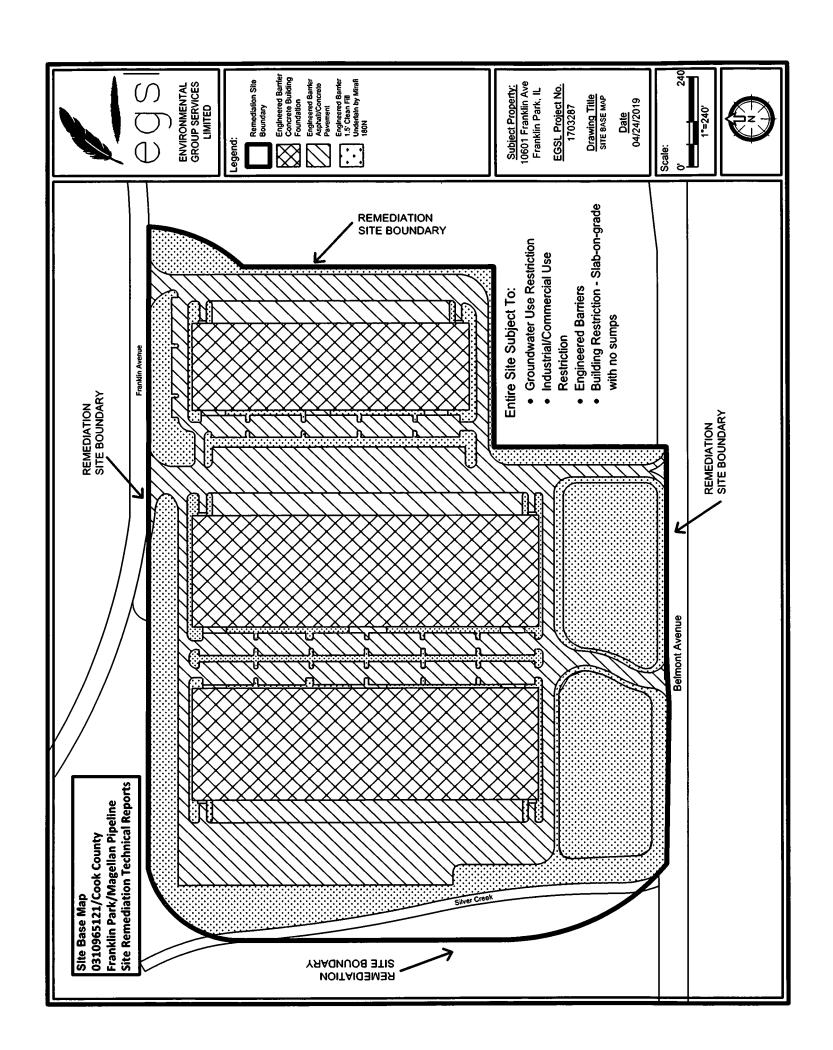
### **List of Attachments:**

A-Updated Site Base Map
B-Arsenic Excavation Areas (west of Silver Creek)
C-Arsenic Confirmation Sample Analytical Results
D-Waste Manifests
E-Target Compound List Analytical Results



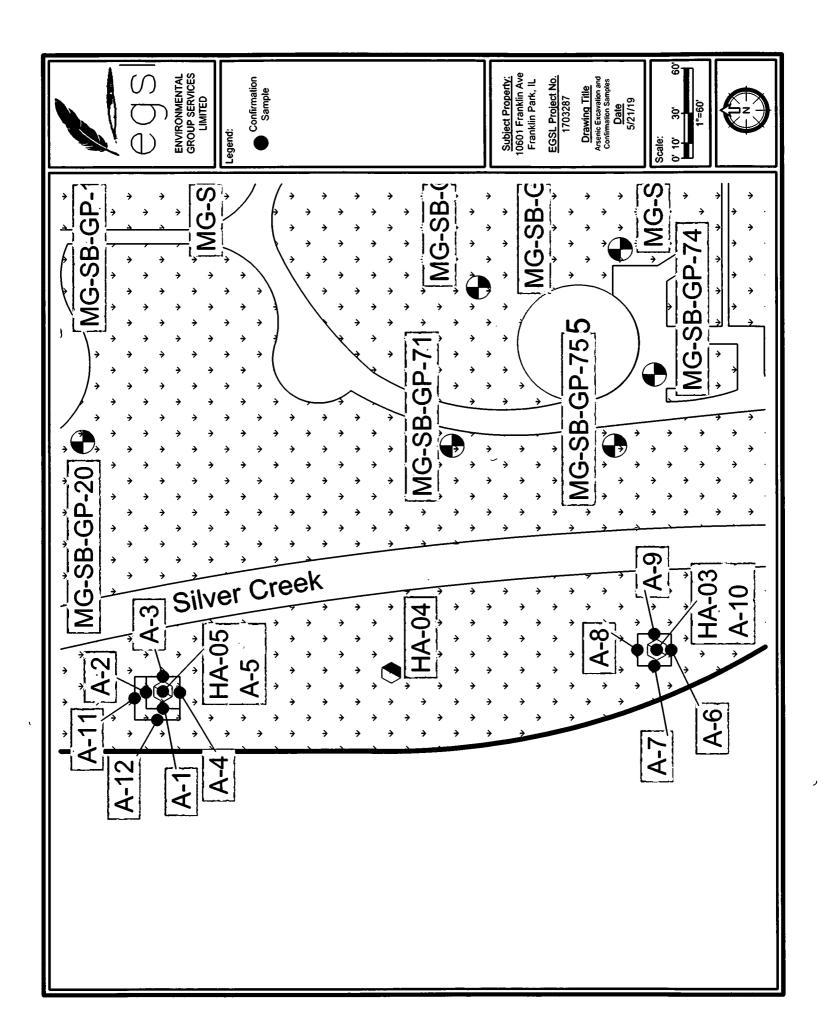
### ATTACHMENT A – Site Base Map





### **ATTACHMENT B – Arsenic Excavation Areas**





### **ATTACHMENT C – Arsenic Analytical Results**



Client: Environmental Group Services, Ltd. Project: Franklin (A) Laboratory: STAT ANALYSIS

19041195-001 Laboratory ID : Client Sample ID :

19041195-002 19041195-003 19041195-004 A-2 A-3 A-4 04/30/2019 08:10 04/30/2019 08:20 04/30/2019 08:30 19041195-004 A-4 A-1 04/30/2019 08:00 Date Collected:

| Construction Worker   Soil Component of Residential Route Specific   Route Specific Values for Soil   Exposure Route Values     Values for Soil   Soil   Exposure Route Values     Analyte   Ingestion   Inhalation   Inhalation   13.0/11.3   750   61   25,000   13.0/11.3 |
|--|
| Construction Worker     Residential Route Specific   Route Specific Values for Soil   Soil   E     Values for Soil   Soil   E     Analyte   Ingestion   Inhalation   13.0/11.3   750   61   25,000   |
| Residential Route Specific R Values for Soil Analyte Ingestion 13.0/11.3 750   |
| Residential Route Specific R Values for Soil Analyte Ingestion 13.0/11.3 750   |
| Residential Route S Values for Soi Analyte Ingestion Inh   |
| Reside   |
| Analyte  |
|  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

Client: Environmental Group Services, Ltd. Project: Franklin (A)
Laboratory: STAT ANALYSIS

 Laboratory ID:
 19041195-005
 19041195-006
 19041195-007
 19041195-008

 Client Sample ID:
 A-5
 A-6
 A-7
 A-8

 Date Collected:
 04/30/2019 08:40
 04/30/2019 08:50
 04/30/2019 09:00
 04/30/2019 09:10

| 8.4 | 8.4 | 9.8 | 7.3 |                      |                  | 25.000  | 19                  | 750            | 13.0/11.3            | Arsenic | 7440-38-2 |
|-----|-----|-----|-----|----------------------|------------------|---|---------------------|----------------|----------------------|---------|-----------|
|     |     |     |     | Class II             | Class I          | Inhalation                                      | Ingestion           | Inhalation     | Ingestion            | Analyte | CAS No.   |
|     |     |     |     | xposure Route Values | Exposure R       | Soil  | Sc                  | alues for Soil | Values               |         |           |
|     |     |     |     | er Ingestion         | Groundwat        | Route Specific Values for Groundwater Ingestion | Route Specif        | toute Specific | Residential Route Sp |         |           |
|     |     |     |     | ponent of            | Soil Component o | on Worker                                       | Construction Worker |                |                      |         |           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

Client: Environmental Group Services, Ltd. Project: Franklin (A) Laboratory: STAT ANALYSIS

Client Sample ID : 19041195-009 19041195-010
Client Sample ID : A-9 A-10
Date Collected : 04/30/2019 09:20 04/30/2019 09:30

| 4.7 | 6.9 |                       |            | 23,000  | 10           | 00/                        | 13.0/11.3     | Arsenic   | 7-90-044/ |
|-----|-----|-----------------------|------------|---|--------------|----------------------------|---------------|-----------|-----------|
|     | 00  |                       |            | 000 30  | 1.7          | 750                        | 120/113       | Assession | 7440 20 7 |
|     |     | Class II              | Class I    | Inhalation  | Ingestion    | Inhalation                 | Ingestion     | Analyte   | CAS No.   |
|     |     | Exposure Route Values | Exposure R | oil   | Š            | Values for Soil            | Values        |           |           |
|     | •   | ter Ingestion         | Groundwa   | toute Specific Values for   Groundwater Ingestion | Route Specif | Residential Route Specific | Residential R |           |           |
|     |     | Soil Component of     | Soil Com   | Construction Worker                               | Constructi   |                            |               |           |           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A. Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

### TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (A) Laboratory: STAT ANALYSIS

|               |         |         | : <del>.</del> 5                   | Laboratory ID: Client Sample ID: Date Collected: 0 | Laboratory ID: 1904 1195-001<br>ient Sample ID: A-1<br>Date Collected: 04/30/2019 08:00  | 19041195-002<br>A-2<br>04/30/2019 08:10 | 19041195-003<br>A-3<br>04/30/2019 08:20 | 19041195-002 19041195-003 19041195-004<br>A-2 A-3 A-3 A-4<br>04/30/2019 08:10 04/30/2019 08:30 | 19041195-005<br>A-5<br>04/30/2019 08:40 | 19041195-005 19041195-007<br>A-5 A-6 A-7<br>04/30/2019 08:40 04/30/2019 08:50 04/30/2019 09:00 | 19041195-007<br>A-7<br>04/30/2019 09:00 |
|---------------|---------|---------|------------------------------------|--|--|---|---|--|---|--|---|
|               |         | Concer  | Concentration of Chemicals in      | micals in  |  |   |   |  |   |  |   |
|               |         | T       | <b>Background Soils</b>            | ils  |  |   |   |  |   |  |   |
|               |         | City of |                                    |  |  |   |   |  |   |  |   |
|               | Analyte |         | Chicago   Within MSA   Outside MSA | Outside MSA  |  |   |   |  |   |  |   |
| INORG Arsenic | Arsenic |         | 13.0                               | 11.3   | 11 THE PARTY OF TH | <b>CONTRACTOR</b>                       | 7.5                                     | 11   | 7.3                                     | 8.6  | 4.8                                     |

MSA - Metropolitan Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (A)
Laboratory: STAT ANALYSIS

19041195-010 A-10 04/30/2019 09:30

|             |        | Concen  | tration of Chem      | micals in   |     |     |     |
|-------------|--------|---------|----------------------|-------------|-----|-----|-----|
|             |        | -       | <b>3ackground So</b> | ils         |     |     |     |
|             |        | City of |                      |             |     |     |     |
| Analyte     | nalyte | Chicago | Within MSA           | Outside MSA |     |     |     |
| INORG Arsen | nic    |         | 13.0                 | 11.3        | 8.4 | 6.8 | 4.7 |
|             |        |         |                      |             |     |     |     |

### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin (A)

Laboratory: STAT ANALYSIS

| Test  | Chemical | Sample Number | Concentration<br>Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway       |
|-------|----------|---------------|---------------------------------|---------------------------|------------------------|
|       |          | A-1           | 17                              | 13.0/11.3                 | Residential Ingestion  |
| INORG | Arsenic  | A-2           | 21                              | 13.0                      | Within MSA Background  |
|       |          |               |                                 | 11.3                      | Outside MSA Background |

### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin (A)

Laboratory: STAT ANALYSIS

| Test  | Chemical | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway       |
|-------|----------|---------------|------------------------------|---------------------------|------------------------|
| INORG | Arsenic  | A-1           | 17                           | 13.0/11.3                 | Residential Ingestion  |
| INORG | Arsenic  | A-2           | 21                           | 13.0/11.3                 | Residential Ingestion  |
| INORG | Arsenic  | A-1           | 17                           | 13.0                      | Within MSA Background  |
| INORG | Arsenic  | A-2           | 21                           | 13.0                      | Within MSA Background  |
| INORG | Arsenic  | A-1           | 17                           | 11.3                      | Outside MSA Background |
| INORG | Arsenic  | A-2           | 21                           | 11.3                      | Outside MSA Background |

Client: Environmental Group Services, Ltd. Project: Franklin (A2) Laboratory: STAT ANALYSIS

Laboratory ID: 19050815-001 19050815-002
Client Sample ID: A-11 A-12
Date Collected: 05/21/2019 13:00 05/21/2019 13:00

|                     |   |                       |                      | П         |
|---------------------|---|-----------------------|----------------------|-----------|
|                     |   |                       |                      | < 2.5     |
|                     |   |                       |                      | <2.7      |
| ponent of           | er Ingestion                                      | Exposure Route Values | Class II             |           |
| Soil Component of   | Groundwat   | Exposure R            | Class I              |           |
| Construction Worker | ic Values for                                     | il                    | Ingestion Inhalation | 25,000    |
| Construction        | Route Specific Values for   Groundwater Ingestion | Soil                  |                      | 19        |
|                     | ي   | Values for Soil       | Inhalation           | 750       |
|                     | Residential Route Specifi                         | Values                | Ingestion            | 13.0/11.3 |
|                     |   |                       | Analyte              | Arsenic   |
|                     |   |                       | CAS No.              | 7440-38-2 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (A2) Laboratory: STAT ANALYSIS

Laboratory ID : Client Sample ID :

Laboratory ID: 19050815-001 19050815-002
lient Sample ID: A-11 A-12
Date Collected: 05/21/2019 13:00 05/21/2019 13:00

| Concentration of Chemicals in | Background Soils | City of | Chicago Within MSA Outside MSA | 13.0 11.3 <2.7 <2.5 |  |
|-------------------------------|------------------|---------|--------------------------------|---------------------|--|
|                               |                  |         | Analyte                        | NORG Arsenic        |  |

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

May 16, 2019

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200 Fax: (312) 447-0922

Analytical Report for STAT Work Order: 19041195 Revision 0

RE: Franklin (A)

Dear Environmental Group Services, Ltd.:

STAT Analysis received 10 samples for the referenced project on 4/30/2019 4:33:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: May 16, 2019

Client: Environmental Group Services, Ltd.

Project: Franklin (A)
Work Order: 19041195 Revision 0

**Work Order Sample Summary** 

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date      | Date Received |
|---------------|------------------|------------|----------------------|---------------|
| 19041195-001A | A-1              |            | 4/30/2019 8:00:00 AM | 4/30/2019     |
| 19041195-002A | A-2              |            | 4/30/2019 8:10:00 AM | 4/30/2019     |
| 19041195-003A | A-3              |            | 4/30/2019 8:20:00 AM | 4/30/2019     |
| 19041195-004A | A-4              |            | 4/30/2019 8:30:00 AM | 4/30/2019     |
| 19041195-005A | A-5              |            | 4/30/2019 8:40:00 AM | 4/30/2019     |
| 19041195-006A | A-6              |            | 4/30/2019 8:50:00 AM | 4/30/2019     |
| 19041195-007A | A-7              |            | 4/30/2019 9:00:00 AM | 4/30/2019     |
| 19041195-008A | A-8              |            | 4/30/2019 9:10:00 AM | 4/30/2019     |
| 19041195-009A | A-9              |            | 4/30/2019 9:20:00 AM | 4/30/2019     |
| 19041195-010A | A-10             | •          | 4/30/2019 9:30:00 AM | 4/30/2019     |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

| Date Reported:<br>Date Printed:   | May 16, 2019<br>May 16, 2019 |                      |             |           | ANA               | LYTICAL                                | RESULT                            |
|-----------------------------------|------------------------------|----------------------|-------------|-----------|-------------------|--|-----------------------------------|
|                                   |                              | Series Ind           |             | <u> </u>  |                   | -                                      | <u>:</u>                          |
| Client:                           | Environmental Group          | Services, Ltd.       |             | v         | Vork Ord          | er: 19041195                           | Pavision 0                        |
| Project:                          | Franklin (A)                 |                      |             |           | VOIR OIL          | —————————————————————————————————————— |                                   |
| Lab ID:                           | 19041195-001                 |                      |             | Coll      | ection Da         | te: 4/30/2019 8                        | 3:00:00 AM                        |
| Client Sample ID                  | A-1                          |                      |             |           | Matr              | ix: Soil                               |                                   |
| Analyses                          |                              | Result               | RL          | Qualifier | Units             | DF                                     | Date Analyzed                     |
| Metals by ICP/MS<br>Arsenic       |                              | <b>SW6020A</b><br>17 | (SW<br>0.94 | •         | Prep<br>mg/Kg-dry | Date: 5/15/2019<br>10                  | Analyst: <b>MD</b> 1<br>5/15/2019 |
| Percent Moisture Percent Moisture |                              | <b>D2974</b><br>10.9 | 0.2         | •         | Prep<br>wt%       | Date: 5/1/2019                         | Analyst: <b>FN</b><br>5/2/2019    |
|                                   | 19041195-002                 |                      |             | Call      | ection Da         | te: 4/30/2019 8                        | R:10:00 AM                        |
| Client Sample ID                  |                              |                      |             | C011      |                   | ix: Soil                               |                                   |
| Analyses                          |                              | Result               | RL          | Qualifier | Units             | DF                                     | Date Analyzed                     |
| Metals by ICP/MS Arsenic          |                              | <b>SW6020A</b><br>21 | (SW         |           | Prep<br>mg/Kg-dry | Date: 5/15/2019                        | Analyst: <b>MD</b> '<br>5/15/2019 |
| Percent Moisture Percent Moisture |                              | <b>D2974</b><br>10.9 | 0.2         | •         | Prep<br>wt%       | Date: 5/1/2019<br>1                    | Analyst: FN 5/2/2019              |
| Lab ID:                           | 19041195-003                 |                      |             | Coll      | ection Da         | te: 4/30/2019 8                        | 3:20:00 AM                        |
| Client Sample ID                  | A-3                          |                      |             |           | Matr              | ix: Soil                               |                                   |
| Analyses                          |                              | Result               | RL          | Qualifier | Units             | DF                                     | Date Analyzed                     |
| Metals by ICP/MS Arsenic          |                              | <b>SW6020A</b> 7.5   | (SW<br>0.97 | •         | Prep<br>ng/Kg-dry | Date: 5/3/2019<br>10                   | Analyst: <b>JG</b> 5/4/2019       |
| Percent Moisture Percent Moisture |                              | <b>D2974</b><br>10.7 | 0.2         | •         | Prep<br>wt%       | Date: 5/1/2019<br>1                    | Analyst: <b>FN</b> 5/2/2019       |
| Lab ID:                           | 19041195-004                 |                      |             | Coll      | ection Da         | te: 4/30/2019 8                        | 3:30:00 AM                        |
| Client Sample ID                  | A-4                          |                      |             |           | Matr              | ix: Soil                               |                                   |
| Analyses                          |                              | Result               | RL          | Qualifier | Units             | DF                                     | Date Analyzed                     |
| Metals by ICP/MS Arsenic          |                              | SW6020A              | (SW<br>1.0  |           | Prep<br>mg/Kg-dry | Date: 5/3/2019                         | Analyst: <b>JG</b> 5/4/2019       |
| Percent Moisture Percent Moisture |                              | <b>D2974</b><br>11.1 | 0.2         | •         | Prep<br>wt%       | Date: 5/1/2019                         | Analyst: FN 5/2/2019              |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

| Date Reported:                    | May 16, 2019        |                       |                     |           | ANA               | LYTICAL                     | L RESULT                       |
|-----------------------------------|---------------------|-----------------------|---------------------|-----------|-------------------|-----------------------------|--------------------------------|
| Date Printed:                     | May 16, 2019        |                       |                     |           |                   |                             |                                |
| Client:                           | Environmental Group | Services, Ltd.        |                     |           |                   |                             |                                |
| Project:                          | Franklin (A)        |                       |                     | V         | Vork Ord          | er: 19041195                | Revision 0                     |
| Lab ID:                           | 19041195-005        |                       |                     | Coll      | ection Da         | te: 4/30/2019               | 8:40:00 AM                     |
| Client Sample ID                  | A-5                 |                       |                     |           | Matr              | ix: Soil                    |                                |
| Analyses                          |                     | Result                | RL                  | Qualifier | Units             | DF                          | Date Analyzed                  |
| Metals by ICP/MS Arsenic          |                     | <b>SW6020A</b><br>7.3 | ( <b>SW</b><br>0.95 | •         | Prep<br>mg/Kg-dry | Date: <b>5/3/2019</b><br>10 | Analyst: <b>JG</b> 5/4/2019    |
| Percent Moisture Percent Moisture |                     | <b>D2974</b><br>10.2  | 0.2                 | •         | Prep<br>wt%       | Date: <b>5/1/2019</b>       | Analyst: FN 5/2/2019           |
| Lab ID:                           | 19041195-006        |                       |                     | Coll      | ection Da         | te: 4/30/2019               | 8:50:00 AM                     |
| Client Sample ID                  | A-6                 |                       |                     |           | Matr              | ix: Soil                    |                                |
| Analyses                          |                     | Result                | RL                  | Qualifier | Units             | DF                          | Date Analyzed                  |
| Metals by ICP/MS<br>Arsenic       |                     | SW6020A<br>8.6        | (SW<br>1.0          | •         | Prep<br>mg/Kg-dry | Date: <b>5/3/2019</b><br>10 | Analyst: <b>JG</b><br>5/4/2019 |
| Percent Moisture Percent Moisture |                     | <b>D2974</b><br>10.4  | 0.2                 | •         | Prep<br>wt%       | Date: <b>5/1/2019</b><br>1  | Analyst: <b>FN</b> 5/2/2019    |
| Lab ID:                           | 19041195-007        |                       |                     | Coll      | ection Da         | te: 4/30/2019               | 9:00:00 AM                     |
| Client Sample ID                  | A-7                 |                       |                     |           | Matr              | ix: Soil                    |                                |
| Analyses                          |                     | Result                | RL                  | Qualifier | Units             | DF                          | Date Analyzed                  |
| Metals by ICP/MS<br>Arsenic       |                     | SW6020A<br>4.8        | (SW<br>1.1          | •         | Prep<br>mg/Kg-dry | Date: <b>5/3/2019</b><br>10 | Analyst: <b>JG</b><br>5/5/2019 |
| Percent Moisture Percent Moisture |                     | <b>D2974</b><br>20.8  | 0.2                 | •         | Prep<br>wt%       | Date: <b>5/1/2019</b><br>1  | Analyst: <b>FN</b> 5/2/2019    |
| Lab ID:                           | 19041195-008        |                       |                     | Coll      | ection Da         | te: 4/30/2019               | 9:10:00 AM                     |
| Client Sample ID                  | A-8                 |                       |                     | _         | Matr              | ix: Soil                    |                                |
| Analyses                          |                     | Result                | RL                  | Qualifier | Units             | DF                          | Date Analyzed                  |
| Metals by ICP/MS<br>Arsenic       |                     | SW6020A<br>8.4        | (SW<br>1.2          |           | Prep<br>mg/Kg-dry | Date: <b>5/3/2019</b><br>10 | Analyst: <b>JG</b> 5/5/2019    |
| Percent Moisture Percent Moisture |                     | <b>D2974</b><br>23.3  | 0.2                 | . •       | Prep<br>wt%       | Date: <b>5/1/2019</b>       | Analyst: FN 5/2/2019           |

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

| Date Reported: Date Printed: | May 16, 2019<br>May 16, 2019 |                |             |           | ANA               | LYTICAL              | L RESULTS                   |
|------------------------------|------------------------------|----------------|-------------|-----------|-------------------|----------------------|-----------------------------|
| Client:                      | Environmental Group          | Services, Ltd. |             |           |                   | <del>.</del>         |                             |
| Project:                     | Franklin (A)                 |                |             | ,         | Work Ord          | er: 19041195         | Revision 0                  |
| Lab ID:                      | 19041195-009                 |                |             | Col       | lection Da        | ite: 4/30/2019       | 9:20:00 AM                  |
| Client Sample ID             | A-9                          |                |             |           | Matr              | ix: Soil             |                             |
| Analyses                     |                              | Result         | RL          | Qualifier | Units             | DF                   | Date Analyzed               |
| Metals by ICP/MS<br>Arsenic  |                              | SW6020A<br>8.9 | ( <b>SW</b> | •         | Prep<br>mg/Kg-dry | Date: 5/3/2019<br>10 | Analyst: <b>JG</b> 5/5/2019 |
| Percent Moisture             |                              | D2974          |             |           | Prep              | Date: 5/1/2019       | Analyst: FN                 |
| Percent Moisture             |                              | 21.2           | 0.2         | •         | wt%               | 1                    | 5/2/2019                    |
| Lab ID:                      | 19041195-010                 |                |             | Col       | lection Da        | ite: 4/30/2019       | 9:30:00 AM                  |
| Client Sample ID             | A-10                         |                |             |           | Matı              | ix: Soil             |                             |
| Analyses                     |                              | Result         | RL          | Qualifier | Units             | DF                   | Date Analyzed               |
| Metals by ICP/MS Arsenic     |                              | SW6020A        | (SW         | •         | Prep<br>mg/Kg-dry | Date: 5/3/2019       | Analyst: <b>JG</b> 5/5/2019 |
| Percent Moisture             |                              | D2974          |             |           | Prep              | Date: 5/1/2019       | Analyst: FN                 |

0.2

21.8

Qualifiers:

Percent Moisture

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

5/2/2019

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

22d2 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com CHAIN OF CUSTODY RECORD

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Nº: 921193

Lab No 5.7 10 Tum Around Time (Days): Additional Information: Results Needed: Quote No.: P.O. No.: Preservation Code: A = None B = HNO, C = NaOH G = Other  $D = H_2SO_4$  E = HCl F = 5035/EnCore 4/30/19 (6: 33 ARSENIC 04/ No. of Containers 20/191633 Client Tracking No.: Grab Date/Time: Date/Time Date/Time: Date/Time: Date/Time: Date/Time: Сошр. Matrix 050 0430 aggo 060 0/60 овы 0630 0670 3 0810 Phone: Time Taken e-mail: Fax: Date Taken 4/20 B:116 E636. Com Client Sample Number/Description: FRANKIN EGSL Relinquished by: (Signature) (Signature) Relinquished by: (Signatur eceived by: (Signathre) Received by: (Signature) Received by: (Signature) Project Location: Project Number: Project Name: QC Level: 1 Report To: Sampler(s): Company: 4- W ASS 4-3 9-B A-10 C- W A-7 *A*-8 P-4 1-4



### Sample Receipt Checklist

| Client Name EGSL             |                            | Date and Tim   | e Received:   | 4/30/2019 4:33:00 PM |               |                 |
|------------------------------|----------------------------|----------------|---------------|----------------------|---------------|-----------------|
| Work Order Number 19         | 041195                     |                |               | Received by:         | EAA           |                 |
| Checklist completed by: 5    | 4 L                        | Date           | 30/19         | Reviewed by:         | A. J.         | 1/01/19<br>Date |
| Matrix:                      |                            | Carrier name   | STAT Analysis | :                    |               |                 |
| Shipping container/cooler is | n good condition?          |                | Yes 🗹         | No 🗆                 | Not Present   |                 |
| Custody seals intact on shi  | ippping container/cooler?  |                | Yes 🗌         | No 🗆 🕠               | Not Present 🗹 |                 |
| Custody seals intact on sar  | mple bottles?              |                | Yes 🗆         | No 🗆                 | Not Present 🗹 |                 |
| Chain of custody present?    |                            |                | Yes 🗹         | No 🗆                 |               |                 |
| Chain of custody signed wh   | hen relinquished and recei | ved?           | Yes 🗹         | No 🗀                 | ,             |                 |
| Chain of custody agrees wi   | ith sample labels/containe | rs?            | Yes 🗹         | No 🗀                 |               |                 |
| Samples in proper containe   | er/bottle?                 |                | Yes 🗹         | No 🗆                 |               |                 |
| Sample containers intact?    |                            |                | Yes 🗹         | No 🗆                 |               |                 |
| Sufficient sample volume for | or indicated test?         |                | Yes 🗹         | No 🗆                 |               |                 |
| All samples received within  | holding time?              |                | Yes 🗹         | No 🗆                 |               |                 |
| Container or Temp Blank to   | emperature in compliance   | · ·            | Yes 🗹         | No 🗆                 | Temperatur    | e 4.1 °C        |
| Water - VOA vials have zer   | ro headspace? No           | VOA vials subn | nitted 🕮      | Yes 🖾                | No 🖾          |                 |
| Water - Samples pH check     | ed?                        |                | Yes 🖾         | No 🔡                 | Checked by:   |                 |
| Water - Samples properly p   | preserved?                 |                | Yes 🖾         | No 🖾                 | pH Adjusted?  |                 |
| Any No response must be      | detailed in the comments : | section below. | =====         | =====                | =====         |                 |
| Comments:                    |                            |                |               |                      |               |                 |
|                              |                            |                |               |                      | 100           |                 |
| Client / Person contacted:   | Date                       | contacted:     |               | Conta                | cted by:      |                 |
| Response:                    | ·                          |                | 10.4%         |                      |               |                 |
|                              |                            |                |               |                      |               |                 |

### **Justice Kwateng**

From:

Bill Lennon <Bill@egsl.com>

Sent:

Tuesday, May 07, 2019 3:14 PM

To:

**Justice Kwateng** 

Subject:

RE: Franklin (A) STAT 19041195

### Please re-run both thanks justice



Bill Lennon EGSL

557 West Polk Street Suite 201 Chicago, IL 60607 t. 312.447.1200 x315 f. 312.447.0922 bill@egsl.com www.egsl.com

From: Justice Kwateng < <u>JKwateng@STATAnalysis.com</u>>

Sent: Tuesday, May 7, 2019 3:07 PM

To: Bill Lennon < Bill@egsl.com >; Mary Cappellini < Mary@egsl.com >

Subject: Franklin (A) STAT 19041195

Hey Bill,

The first two samples has a high hit. Check and let me know if you want me to issue a final report. Please find the attached preliminary EDDs for your Franklin (A) project. STAT 19041195

Thank you for choosing STAT for your testing needs.

In an effort to increase efficiency and conserve resources, STAT Analysis has adopted paperless reporting. The attached pdf files can be printed as the final copy. You will not receive a hardcopy in the mail.

Best Regards,

### **Justice Kwateng**

Project Manager STAT Analysis Corporation

2242 W. Harrison St, Suite 200 Chicago, IL 60612

Tel: 1-312-733-0551 Fax: 1-312-733-2386

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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

May 23, 2019

Environmental Group Services, Ltd. 557 W. Polk Chicago, IL 60610 Telephone: (312) 447-1200

Fax:

(312) 447-0922

Analytical Report for STAT Work Order: 19050815 Revision 0

RE: Franklin (A2)

Dear Environmental Group Services, Ltd.:

STAT Analysis received 2 samples for the referenced project on 5/22/2019 10:32:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

## **STAT** Analysis Corporation

Date: May 23, 2019

Client: Environ

Environmental Group Services, Ltd.

Project: Work Order:

Franklin (A2)

19050815 Revision 0

**Work Order Sample Summary** 

Lab Sample ID Client Sample ID Tag Number Collection Date Date Received

19050815-001A A-11 19050815-002A A-12 5/21/2019 1:00:00 PM

5/22/2019

5/21/2019 1:00:00 PM 5/22/2019

Page 2 of 5

## **STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

| Date | Reported: |
|------|-----------|
| Date | Printed:  |

May 23, 2019

ANALYTICAL RESULTS May 23, 2019

Client:

Environmental Group Services, Ltd.

Project:

Franklin (A2)

Work Order: 19050815 Revision 0

Lab ID:

**Analyses** 

19050815-001

Collection Date: 5/21/2019 1:00:00 PM

Client Sample ID A-11

Matrix: Soil RL Qualifier Units

**Date Analyzed** 

Metals by ICP/MS

Prep Date: 5/22/2019

Analyst: MDT

Arsenic

SW6020A (SW3050B) ND 2.7

mg/Kg-dry 10 5/22/2019

**Percent Moisture Percent Moisture** 

D2974 66.8

0.2

Prep Date: 5/22/2019

Analyst: FN 5/23/2019

Lab ID:

**Analyses** 

19050815-002

mg/Kg-dry

Collection Date: 5/21/2019 1:00:00 PM

Client Sample ID A-12

Result

Result

Matrix: Soil

**Date Analyzed** 

Metals by ICP/MS Arsenic

ND

RL Qualifier Units

Prep Date: 5/22/2019 10

DF

Analyst: MDT 5/22/2019

**Percent Moisture** 

D2974

Prep Date: 5/22/2019 Analyst: FN

Percent Moisture

63.4

0.2

2.5

SW6020A (SW3050B)

5/23/2019

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

Analysis Corporation STAT

CHAIN OF CUSTODY RECORD 2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com

am/pm 過光区 2 S 5 0 Han Around Time (Days): Additional Information Page: 12 3 Results Needed: Quote No.: P.O. No.: 921210 Preservation Code: A = None B = HNO, C = NaOH G = OtherŠ D=H<sub>2</sub>SO<sub>4</sub> E=HCl F=5035/EnCore Comments: ARSENIC 070 No. of Containers 69 19/06 Client Tracking No.: Preserv Grab Date/Time: Date/Time: Date/Time: Comp Pate/Time: Date/Time: Date/Time: Matrix 300 1300 Phone: Time Taken e-mail: Fax: Date Taken 10-5 B111 & EGSL. Can Client Sample Number/Description: FRANKLIN たるらん Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature (eccived by: (Signature) Received by: (Signature) (eceived by: (Signature) roject Location: Project Number: C1-8-00 Project Name: QC Level: 1 Report To: Sampler(s): Сотрапу: 11-W

## STAT Analysis Corporation

## Sample Receipt Checklist

| Client Name EGSL  |                                       | Date and Tin | ne Received: | 5/22/2019 10:32:00 AM |
|---|---------------------------------------|--------------|--------------|-----------------------|
| Work Order Number 19050815                                      |                                       | Received by: | : JOK        |                       |
| Checklist completed by: Signature Date  Matrix: Carrier name    | STAT Analysis                         | Reviewed by  | : A-A        | 5/22/19<br>Date       |
| Shipping container/cooler in good condition?                    | Yes 🗹                                 | No 🗀         | Not Present  |                       |
| Custody seals intact on shippping container/cooler?             | Yes 🗆                                 | No 🗆         | Not Present  |                       |
| Custody seals intact on sample bottles?                         | Yes 🗆                                 | No 🗆         | Not Present  |                       |
| Chain of custody present?                                       | Yes 🗹                                 | No 🗆         |              |                       |
| Chain of custody signed when relinquished and received?         | Yes 🗹                                 | No 🗆         |              | •                     |
| Chain of custody agrees with sample labels/containers?          | Yes 🗹                                 | No 🗆         |              |                       |
| Samples in proper container/bottle?                             | Yes 🗹                                 | No 🗆         | •            |                       |
| Sample containers intact?                                       | Yes 🗹                                 | No 🗆         |              | •                     |
| Sufficient sample volume for indicated test?                    | Yes 🗹                                 | No 🗆         |              |                       |
| All samples received within holding time?                       | Yes 🗹                                 | No 🗌         |              |                       |
| Container or Temp Blank temperature in compliance?              | Yes 🗹                                 | No 🗆         | Temperatur   | e 4.6 °C              |
| Water - VOA vials have zero headspace? No VOA vials subm        | nitted 🖽                              | Yes 🖾        | No 🔣         |                       |
| Water - Samples pH checked?                                     | Yes 🖺                                 | No 🖫         | Checked by:  |                       |
| Water - Samples properly preserved?                             | Yes 🕮                                 | No 🖾         | pH Adjusted? |                       |
| Any No response must be detailed in the comments section below. |                                       |              |              | =======               |
| Comments:   | · · · · · · · · · · · · · · · · · · · |              |              |                       |
|   | ,                                     |              | ····         |                       |
|   |                                       |              |              |                       |
|   |                                       |              |              | ,                     |
| Client / Person Contacted: Date contacted:                      |                                       | Conta        | cted by:     |                       |
| Response:   |                                       |              |              |                       |
|   |                                       |              |              |                       |

### **ATTACHMENT D – Waste Manifests**



| Driver:  Date: Time: Size: Special Requirements:   |            | 50<br>Phon<br>info | 1212 Group, b/a North Branch E N. Garden Ave., Ro ie: 630-529-0240 • Fo @northbranchenvi w.northbranchenvi | nvironmental<br>selle, IL 60172<br>ax: 630-529-0837<br>ronmental.com |
|--|------------|--------------------|--|--|
| Order Date:  | Profile #: |                    | Manifest Number:  20620123 Disp Facility:  | Work Order No: 122445  |
| Driver:  | P.O. #     |                    |  | WITS   |
| Start Time:  | 1          | Finish Time:       | Date:  | 50.80  |
| Site Location:   | AGE        | LIAN               | PIPELINE<br>LIN AVE<br>PRODE:  | 5  |
|  | 6011       | FRANK              | LIN AVE  |  |
| <i>P</i>   | KANK       | LINE               | ARK /C   |  |
| Contact:   |            |                    | Frione.  |  |
| Contact: Bill To:  |            | EGSI               |  |  |
| Bill To:  Contact:   |            | EGSI               | Phone:   |  |
| Bill To:  Contact:  Product/Service  |            |                    | <u> </u>   | Amount   |
| Contact:  Product/Service  Freight/Handling:  Disposal:  | Uni        | EG SI              | Phone:   | Amount   |
| Contact:  Product/Service Freight/Handling: Disposal: Pump Time:                                       | Uni        | EGSI               | Phone:   |  |
| Contact:  Product/Service  Freight/Handling:  Disposal:  Pump Time:  Environmental Fee:                | Uni        | EG SI              | Phone:   | Amount   |
| Contact:  Product/Service Freight/Handling: Disposal: Pump Time: Environmental Fee: Analytical:        | Uni        | EGS/               | Phone:   | Amount   |
| Contact:  Product/Service Freight/Handling: Disposal: Pump Time: Environmental Fee: Analytical:        | Uni        | EGS/               | Phone: Price   | Amount   |
| Contact:  Product/Service Freight/Handling: Disposal: Pump Time: Environmental Fee: Analytical:        | Uni        | EGS/               | Phone: Price   | Amount   |
| Contact:  Product/Service reight/Handling: tisposal: ump Time: invironmental Fee: inalytical:  Generat | Uni        | EGS/               | Phone: Price   | Amount 420.00  |

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### **ATTACHMENT E – Target Compound Analytical Results**



TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Project: Franklin (EB-1)

Laboratory: STAT ANALYSIS

04/29/2019 09:00 19041196-004 104 Date Collected: 04/29/2019 08:00 04/29/2019 08:15 04/29/2019 08:30 19041196-003 103 19041196-002 102 19041196-001 101 Laboratory ID : Client Sample ID :

|            |                           |  |               | Constructi     | Construction Worker           | Soil Component of                           | noment of    |          |          |          |          |
|------------|---------------------------|--|---------------|----------------|-------------------------------|---|--------------|----------|----------|----------|----------|
|            |                           | Decidential D                              | Carrier of    | Don't Carrie   | is Volume for                 |   | The state of |          |          |          |          |
|            |                           | Residential Route Specific Values for Soil | oute Specific | Koure Specific | oute Specific Values for Soil | Groundwater Ingestion Exposure Route Values | er ingestion |          |          |          |          |
| CAS No.    | Analyte                   | Ingestion                                  | Inhalation    | Ingestion      |                               | Class I                                     | Class II     |          |          |          |          |
| 67-64-1    | Acetone                   | 70,000                                     | 100,000       |                | 100,000                       | 25  | 25           | < 0.091  | < 0.11   | < 0.083  | < 0.13   |
| 71-43-2    | Benzene                   | 12   | 8.0           | 2,300          | 2.2                           | 0.03  | 0.17         | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 75-27-4    | Bromodichloromethane      | 01   | 3,000         | 2,000          | 3.000                         | 9.0   | 9.0          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 75-25-2    | Bromoform                 | 81   | 53            | 16,000         | 140                           | 8.0   | 8.0          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 74-83-9    | Bromomethane              | 110  | 10            | 1,000          | 3.9                           | 0.2   | 1.2          | < 0.012  | < 0.015  | < 0.011  | < 0.017  |
| 78-93-3    | 2-Butanone                |  |               |                |                               |   |              | < 0.091  | < 0.11   | < 0.083  | < 0.13   |
| 75-15-0    | Carbon disulfide          | 7,800                                      | 720           | 20,000         | 0.6                           | 32  | 160          | < 0.061  | < 0.074  | < 0.055  | < 0.087  |
| 56-23-5    | Carbon tetrachloride      |  | 0.3           | 410            | 06:0                          | 0.07  | 0.33         | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 108-90-7   | Chlorobenzene             | 1.600                                      | 130           | 4,100          | 1.3                           | 1   | 6.5          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 75-00-3    | Chloroethane              |  |               |                |                               |   |              | < 0.012  | < 0.015  | < 0.011  | < 0.017  |
| 67-66-3    | Chloroform                | 001  | 0.3           | 2,000          | 92'0                          | 9.0   | 2.9          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 74-87-3    | Chloromethane             |  |               |                |                               |   |              | < 0.012  | < 0.015  | < 0.011  | < 0.017  |
| 124-48-1   | Dibromochloromethane      | 1,600                                      | 1,300         | 41,000         | 1,300                         | 0.4   | 0.4          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800                                      | 1,300         | 200,000        | 130                           | 23  | 110          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 107-06-2   | 1,2-Dichloroethane        | 7  | 0.4           | 1,400          | 66'0                          | 0.02  | 1.0          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 75-35-4    | 1.1-Dichloroethene        | 3,900                                      | 290           | 10,000         | 3.0                           | 90.0  | 0.3          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780  | 1,200         | 20,000         | 1,200                         | 0.4   | 1.1          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600                                      | 3,100         | 41,000         | 3,100                         | 0.7   | 3.4          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 78-87-5    | 1,2-Dichloropropane       | 6  | 15            | 008'1          | 0.50                          | 0.03  | 0.15         | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 10061-01-5 |                           | 9 ]  | 1.1           | 1,200          | 0.39                          | 0.004                                       | 0.02         | < 0.0024 | < 0.0030 | < 0.0022 | < 0.0035 |
| 10061-02-6 | trans-1,3-Dichloropropene | _ 9  | 1.1           | 1,200          | 0.39                          | 0.004                                       | 0.02         | < 0.0024 | < 0.0030 | < 0.0022 | < 0.0035 |
| 100-41-4   | Ethylbenzene              | 7,800                                      | 400           | 20,000         | 58                            | 13  | 61           | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 591-78-6   | 2-Hexanone                |  |               |                |                               |   |              | < 0.024  | < 0.030  | < 0.022  | < 0.035  |
| 108-10-1   | 4-Methyl-2-pentanone      |  |               |                |                               |   |              | < 0.024  | < 0.030  | < 0.022  | < 0.035  |
| 75-09-2    | Methylene chloride        | 85   | 13            | 12,000         | 34                            | 0.02  | 0.2          | < 0.012  | < 0.015  | < 0.011  | < 0.017  |
| 1634-04-4  | Methyl tert-butyl ether   | 780  | 8,800         | 2,000          | 140                           | 0.32  | 0.32         | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 100-42-5   | Styrene                   | 16,000                                     | 1,500         | 41,000         | 430                           | 4   | 81           | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |  |               |                |                               |   |              | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 127-18-4   | Tetrachloroethene         | 12   | 11            | 2,400          | 28                            | 90:0  | 6.0          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 108-88-3   | Toluene                   | 16,000                                     | 650           | 410,000        | 42                            | 12  | 29           | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 71-55-6    | 1,1,1-Trichloroethane     | :  | 1,200         | •              | 1,200                         | 2   | 9.6          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310  | 1,800         | 8,200          | 1,800                         | 0.02  | 0.3          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 9-10-62    | Trichloroethene           | 58   | 5             | 1,200          | 12                            | 90.0  | 0.3          | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 75-01-4    | Vinyl chloride            | 0.46                                       | 0.28          | 170            | 1.1                           | 0.01  | 0.07         | < 0.0061 | < 0.0074 | < 0.0055 | < 0.0087 |
| 1330-20-7  | Xylenes, Total            | 16,000                                     | 320           | 41,000         | 5.6                           | 150   | 150          | < 0.018  | < 0.022  | < 0.017  | < 0.026  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

04/29/2019 11:00 19041196-008 108 19041196-006 19041196-007 106 107 04/29/2019 10:00 04/29/2019 10:30 04/29/2019 09:30 19041196-005 105 Date Collected: Laboratory ID : Client Sample ID :

|            |                           |   |   | Constructi     | Construction Worker              | Soil Component of                           | ponent of    |          |          |          |          |
|------------|---------------------------|---|---|----------------|----------------------------------|---|--------------|----------|----------|----------|----------|
|            |                           | Residential Route S <sub> </sub><br>  Values for Soil | Residential Route Specific<br>Values for Soil | Route Specific | oute Specific Values for<br>Soil | Groundwater Ingestion Exposure Route Values | er Ingestion |          |          |          |          |
| CAS No.    | Analyte                   | Ingestion   | Inhalation                                    | Ingestion      | Inhalation                       | Class I                                     | Class II     |          |          |          |          |
| 67-64-1    | Acetone                   | 70,000  | 100,000                                       |                | 100,000                          | 25  | 25           | < 0.11   | < 0.10   | <0.19    | < 0.11   |
| 71-43-2    | Benzene                   | 12  | 8.0   | 2,300          | 2.2                              | 0.03  | 0.17         | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 75-27-4    | Bromodichloromethane      | 10  | 3,000   | 2,000          | 3,000                            | 9.0   | 9.0          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 75-25-2    | Bromoform                 | 81  | 53  | 16,000         | 140                              | 8.0   | 8.0          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 74-83-9    | Bromomethane              | 110   | 01  | 1,000          | 3.9                              | 0.2   | 1.2          | < 0.015  | < 0.014  | < 0.025  | < 0.015  |
| 78-93-3    | 2-Butanone                |   |   |                |                                  |   |              | < 0.11   | < 0.10   | < 0.19   | < 0.11   |
| 75-15-0    | Carbon disulfide          | 7,800   | 720   | 20,000         | 9.0                              | 32  | 160          | < 0.073  | < 0.070  | < 0.13   | < 0.075  |
| 56-23-5    | Carbon tetrachloride      | 5   | 0.3   | 410            | 06.0                             | 0.07  | 0.33         | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 108-90-7   | Chlorobenzene             | 1,600   | 130   | 4,100          | 1.3                              | 1   | 6.5          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 75-00-3    | Chloroethane              |   |   |                |                                  |   |              | < 0.015  | < 0.014  | < 0.025  | < 0.015  |
| 67-66-3    | Chloroform                | 100   | 0.3   | 2,000          | 92.0                             | 9.0   | 2.9          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 74-87-3    | Chloromethane             |   |   |                |                                  |   |              | < 0.015  | < 0.014  | < 0.025  | < 0.015  |
| 124-48-1   | Dibromochloromethane      | 1,600   | 1,300   | 41,000         | 1,300                            | 0.4   | 0.4          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800   | 1,300   | 200,000        | 130                              | 23  | 110          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 107-06-2   | 1,2-Dichloroethane        | 7   | 0.4   | 1,400          | 0.99                             | 0.02  | 0.1          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 75-35-4    | 1,1-Dichloroethene        | 3,900   | 290   | 10,000         | 3.0                              | 90.0  | 0.3          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780   | 1,200   | 20,000         | 1,200                            | 0.4   | 1.1          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600   | 3,100   | 41,000         | 3,100                            | 0.7   | 3.4          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 78-87-5    | 1,2-Dichloropropane       | 6   | 15  | 1,800          | 0.50                             | 0.03  | 0.15         | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 9   | 1.1   | 1,200          | 0.39                             | 0.004                                       | 0.02         | < 0.0029 | < 0.0028 | < 0.0050 | < 0.0030 |
| 10061-02-6 | trans-1,3-Dichloropropene | 6   | 1.1   | 1,200          | 0.39                             | 0.004                                       | 0.02         | < 0.0029 | < 0.0028 | < 0.0050 | < 0.0030 |
| 100-41-4   | Ethylbenzene              | 7,800   | 400   | 20,000         | 88                               | 13  | 61           | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 591-78-6   | 2-Hexanone                |   |   |                |                                  |   |              | < 0.029  | < 0.028  | < 0.050  | < 0.030  |
| 108-10-1   | 4-Methyl-2-pentanone      |   |   |                |                                  |   |              | < 0.029  | < 0.028  | < 0.050  | < 0.030  |
| 75-09-2    | Methylene chloride        | 85  | 13  | 12,000         | 34                               | 0.02  | 0.2          | < 0.015  | < 0.014  | < 0.025  | < 0.015  |
| 1634-04-4  | Methyl tert-butyl ether   | 780   | 8,800   | 2,000          | 140                              | 0.32  | 0.32         | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 100-42-5   | Styrene                   | 16,000  | 1,500   | 41,000         | 430                              | 4   | 18           | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |   |   |                |                                  |   |              | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 127-18-4   | Tetrachloroethene         | 12  | 11  | 2,400          | 28                               | 90.0  | 0.3          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 108-88-3   | Toluene                   | 16,000  | 650   | 410,000        | 42                               | 12  | 29           | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 71-55-6    | 1,1,1-Trichloroethane     | :   | 1,200   | :              | 1,200                            | 2   | 9.6          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310   | 1,800   | 8,200          | 1,800                            | 0.02  | 0.3          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 79-01-6    | Trichloroethene           | 58  | 5   | 1,200          | 12                               | 90.0  | 0.3          | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 75-01-4    | Vinyl chloride            | 0.46  | 0.28  | 170            | 1.1                              | 0.01  | 0.07         | < 0.0073 | < 0.0070 | < 0.013  | < 0.0075 |
| 1330-20-7  | Xylenes, Total            | 16,000  | 320   | 41,000         | 5.6                              | 150   | 150          | < 0.022  | < 0.021  | < 0.038  | < 0.023  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-003 19041196-002 19041196-001 Laboratory ID : Client Sample ID : Date Collected :

04/29/2019 08:30 04/29/2019 08:15 04/29/2019 08:00

|                     |                           |                              |            |              | < 0.040                 | < 0.040<br>< 0.040  | < 0.040<br>< 0.040<br>< 0.040 | < 0.040<br>< 0.040<br>< 0.040<br>< 0.040 | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul> | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul> | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul>                         | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul>         | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul>   | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul> | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul>                   | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul> | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul>                                      | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul> | <ul> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> <li>0.040</li> </ul> |
|---------------------|---------------------------|------------------------------|------------|--------------|-------------------------|---------------------|-------------------------------|--|--|---|--|--|--|--|--|---|---|--|--|
|                     |                           | •                            |            | 0 >          | 0 >                     | 0 >                 | _                             | 0 >                                      | 0 0  | 0 0   |  |  |  |  |  |   |   |  |  |
|                     |                           |                              |            | < 0.041      | < 0.041                 | < 0.041             | ***                           | < 0.041                                  | < 0.041  | < 0.041<br>< 0.041<br>< 0.041   | <0.041<br>< 0.041<br>< 0.041   | < 0.041<br>< 0.041<br>< 0.041<br>< 0.041<br>< 0.041  | <ul> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> </ul>   | <ul> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> </ul>  | <ul> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> </ul>   | <ul> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> </ul>  | <ul> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> <li>&lt; 0.041</li> </ul>  | <ul> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> </ul>   | <ul> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> <li>0.041</li> </ul>   |
|                     |                           |                              |            | < 0.041      | < 0.041                 | < 0.041             |                               | < 0.041                                  | < 0.041<br>< 0.041   | < 0.041<br>< 0.041<br>< 0.041   | < 0.041<br>< 0.041<br>< 0.041<br>< 0.041   | <0.041<br><0.041<br><0.041<br><0.041   | <0.041<br><0.041<br><0.041<br><0.041<br><0.041   | <pre></pre>  | <pre></pre>  | <pre> &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041 </pre>   | <pre> &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041</pre>  | <pre> &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041</pre>   | <pre> &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041   &lt; 0.041</pre>   |
| onent of            | er Ingestion              | oute Values                  | Class II   | 2,900        |                         | 29,000              |                               | 8  | 828  | 8<br>82<br>25   | 8<br>82<br>25  | 8<br>82<br>25<br>25<br>250   | 8<br>82<br>25<br>250<br>800  | 8<br>82<br>25<br>250<br>800<br>7.6   | 8<br>82<br>25<br>250<br>800<br>7.6<br>21,000   | 8<br>82<br>25<br>25<br>250<br>800<br>7.6<br>21,000<br>2,800   | 8<br>82<br>25<br>25<br>250<br>800<br>7.6<br>21,000<br>2,800<br>69   | 8<br>82<br>25<br>25<br>250<br>800<br>7.6<br>21,000<br>2,800<br>69  | 8<br>82<br>25<br>25<br>250<br>800<br>7.6<br>21,000<br>2,800<br>69  |
| Soil Component of   | Groundwater Ingestion     | <b>Exposure Route Values</b> | Class I    | 570          |                         | 12,000              |                               | 2  | 8 2  | \$ 8  | \$ 8   | 2<br>8<br>5<br>49  | 2<br>8<br>8<br>5<br>5<br>49<br>160   | 2<br>8<br>8<br>5<br>5<br>49<br>160<br>2  | 2<br>8<br>8<br>8<br>8<br>49<br>160<br>160<br>4,300   | 2<br>8<br>8<br>5<br>5<br>160<br>160<br>4,300<br>560   | 2<br>8<br>8<br>8<br>8<br>7<br>160<br>160<br>4,300<br>560<br>14  | 2<br>8<br>8<br>5<br>5<br>160<br>160<br>4,300<br>560<br>14  | 2<br>8<br>8<br>5<br>5<br>160<br>2<br>2<br>2<br>4,300<br>560<br>14  |
| Construction Worker | ic Values for             | il                           | Inhalation |              |                         | ***                 |                               |  | 1 1  |   | a a a a a a a a a a a a a a a a a a a  | 1 1 1  | 1 1 1  | 1 1 1 1 1  | 1 1 1 1 1 1  | 1 1 1 1 1 1   | 1 1 1 1 1 1 1 1   | 1 1 1 1 1 1 1 1 8:   | 1 1 8 1 1 8  |
| Constructic         | Route Specific Values for | Soil                         | Ingestion  | 120,000      |                         | 610,000             |                               | 170                                      | 170<br>17  | 170<br>17<br>170  | 170<br>17<br>170   | 170<br>17<br>170<br>1,700  | 170<br>17<br>170<br>1,700<br>17,000  | 170<br>170<br>1,700<br>17,000  | 170<br>170<br>1,700<br>1,700<br>17,000<br>17,000   | 170<br>17<br>170<br>1,700<br>17,000<br>17,82,000<br>82,000  | 170<br>170<br>1,700<br>17,000<br>17,000<br>17<br>82,000<br>82,000   | 170<br>170<br>1,700<br>17,000<br>17,000<br>17,82,000<br>82,000<br>170<br>170   | 170<br>170<br>1,700<br>17,000<br>17,000<br>17<br>82,000<br>82,000<br>170<br>4,100  |
|                     | Specific                  | for Soil                     | Inhalation | •••          |                         | 1                   |                               | ı  |  |   | 1 1 1  | 1 1 1 1  | 1 1 1 1 1  | 1 1 1 1 1 1  | 1 1 1 1 1 1 1  | 1 1 1 1 1 1 1 1 1   | 1 1 1 1 1 1 1 1   |  |  |
|                     | Residential Route         | Values for Soil              | Ingestion  | 4,700        |                         | 23,000              |                               | 6.0                                      | 0.0<br>0.09  | 0.9<br>0.09<br>0.9  | 0.09   | 6.0  | 0.0<br>0.09<br>0.9<br>9  | 6.0<br>0.09<br>0.9<br>88<br>88   | 0.09<br>0.09<br>0.9<br>9<br>88<br>88<br>0.09<br>3,100  | 0.09<br>0.09<br>0.9<br>9<br>88<br>88<br>0.09<br>3,100   | 0.09<br>0.09<br>0.9<br>9<br>88<br>88<br>0.09<br>3,100<br>3,100  | 0.9<br>0.09<br>0.9<br>9<br>88<br>0.09<br>3,100<br>3,100<br>0.9<br>0.9  | 0.9<br>0.09<br>0.9<br>0.9<br>8<br>8<br>8<br>0.09<br>3,100<br>3,100<br>0,9  |
|                     |                           |                              | Analyte    | Acenaphthene | 208-96-8 Acenaphthylene | 120-12-7 Anthracene |                               | Benz(a)anthracene                        | 56-55-3 Benz(a)anthracene 50-32-8 Benzo(a)pyrene   | 56-55-3 Benz(a)anthracene<br>50-32-8 Benzo(a)pyrene<br>205-99-2 Benzo(b)fluoranthene                                | <ul> <li>6-55-3 Benz(a)anthracene</li> <li>60-32-8 Benzo(a)pyrene</li> <li>805-99-2 Benzo(b)fluoranthene</li> <li>191-24-2 Benzo(g,h,i)perylene</li> </ul> | 56-55-3 Benz(a)anthracene 50-32-8 Benzo(a)pyrene 205-99-2 Benzo(b)fluoranthene 191-24-2 Benzo(g,h,i)perylene 207-08-9 Benzo(k)fluoranthene | Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene  | 56-55-3 Benz(a)anthracene 50-32-8 Benzo(a)pyrene 205-99-2 Benzo(b)fluoranthene 191-24-2 Benzo(g,h,i)perylene 207-08-9 Benzo(k)fluoranthene 218-01-9 Chrysene 53-70-3 Dibenz(a,h)anthracene     | 56-55-3 Benz(a)anthracene 50-32-8 Benzo(a)pyrene 205-99-2 Benzo(b)fluoranthene 191-24-2 Benzo(g,h,i)perylene 207-08-9 Benzo(k)fluoranthene 218-01-9 Chrysene 53-70-3 Dibenz(a,h)anthracene 206-44-0 Fluoranthene | Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,j)perylene Benzo(k)fluoranthene Chrysene Chrysene Dibenz(a,h)anthracene Fluoranthene  | 56-55-3 Benz(a)anthracene 50-32-8 Benzo(a)pyrene 205-99-2 Benzo(b)fluoranthene 191-24-2 Benzo(g,h,i)perylene 207-08-9 Benzo(k)fluoranthene 218-01-9 Chrysene 53-70-3 Dibenz(a,h)anthracene 206-44-0 Fluoranthene 86-73-7 Fluorene 193-39-5 Indeno(1,2,3-cd)pyrene | Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluoranthene Indeno(1,2,3-cd)pyrene Naphthalene  | Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-cd)pyrene Naphthalene   |
|                     |                           |                              | CAS No.    | 83-32-9      | 208-96-8                | 120-12-7            |                               | 56-55-3                                  | 56-55-3<br>50-32-8   | 56-55-3<br>50-32-8<br>205-99-2  | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2   | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9   | 56-55-3         Benz(a)an           50-32-8         Benzo(a)p           205-99-2         Benzo(b)f           191-24-2         Benzo(g,h           207-08-9         Benzo(k)f           218-01-9         Chrysene | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9<br>218-01-9<br>53-70-3  | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9<br>218-01-9<br>53-70-3<br>206-44-0  | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9<br>218-01-9<br>53-70-3<br>206-44-0<br>86-73-7  | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9<br>218-01-9<br>53-70-3<br>206-44-0<br>86-73-7  | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9<br>218-01-9<br>53-70-3<br>53-70-3<br>193-39-5<br>91-20-3  | 56-55-3<br>50-32-8<br>205-99-2<br>191-24-2<br>207-08-9<br>218-01-9<br>53-70-3<br>193-39-5<br>193-39-5<br>86-73-7<br>193-39-5<br>85-01-8  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-005 19041196-006 105 106 04/29/2019 09:30 04/29/2019 10:00 19041196-004 104 Laboratory ID : Client Sample ID : Date Collected :

04/29/2019 09:00

|          |                                 |                   |                | Constructiv               | Construction Worker | Soil Com              | Soil Component of     |         |         |         |
|----------|---------------------------------|-------------------|----------------|---------------------------|---------------------|-----------------------|-----------------------|---------|---------|---------|
|          |                                 | Residential Route | toute Specific | Route Specific Values for | ic Values for       | Groundwater Ingestion | er Ingestion          |         |         |         |
|          |                                 | Values for So     | for Soil       | Soil                      | lic                 | Exposure R            | Exposure Route Values |         |         |         |
| CAS No.  | Analyte                         | Ingestion         | Inhalation     | Ingestion                 | Inhalation          | Class I               | Class II              |         |         |         |
| 83-32-9  | 83-32-9 Acenaphthene            | 4,700             | ·              | 120,000                   | •••                 | 025                   | 2,900                 | < 0.042 | < 0.040 | < 0.041 |
| 208-96-8 | 208-96-8 Acenaphthylene         |                   |                |                           |                     |                       |                       | < 0.042 | < 0.040 | < 0.041 |
| 120-12-7 | 120-12-7 Anthracene             | 23,000            |                | 610,000                   |                     | 12,000                | 29,000                | < 0.042 | < 0.040 | < 0.041 |
| 56-55-3  | Benz(a)anthracene               | 6.0               | • • • •        | 170                       |                     | 2                     | 8                     | < 0.042 | < 0.040 | < 0.041 |
| 50-32-8  | Benzo(a)pyrene                  | 0.09              | •              | 17                        | •••                 | 8                     | 82                    | < 0.042 | < 0.040 | < 0.041 |
| 205-99-2 | 205-99-2 Benzo(b)fluoranthene   | 6.0               | i              | 170                       |                     | 3                     | 25                    | < 0.042 | < 0.040 | < 0.041 |
| 191-24-2 | 91-24-2 Benzo(g,h,i)perylene    |                   |                |                           |                     |                       |                       | < 0.042 | < 0.040 | < 0.041 |
| 207-08-9 | 207-08-9 Benzo(k)fluoranthene   | 6                 | i              | 1,700                     |                     | 64                    | 250                   | < 0.042 | < 0.040 | < 0.041 |
| 218-01-9 | 218-01-9  Chrysene              | 88                | i              | 17,000                    | -                   | 091                   | 008                   | < 0.042 | < 0.040 | < 0.041 |
| 53-70-3  | 53-70-3 Dibenz(a,h)anthracene   | 0.09              | •••            | 11                        |                     | 2                     | 9.7                   | < 0.042 | < 0.040 | < 0.041 |
| 206-44-0 | 206-44-0 Fluoranthene           | 3,100             |                | 82,000                    | •                   | 4,300                 | 21,000                | < 0.042 | < 0.040 | < 0.041 |
| 86-73-7  | Fluorene                        | 3,100             | •              | 82,000                    | ı                   | 09\$                  | 2,800                 | < 0.042 | < 0.040 | < 0.041 |
| 193-39-5 | 193-39-5 Indeno(1,2,3-cd)pyrene | 6.0               |                | 170                       |                     | 14                    | 69                    | < 0.042 | < 0.040 | < 0.041 |
| 91-20-3  | Naphthalene                     | 1,600             | 170            | 4,100                     | 1.8                 | 12                    | 18                    | < 0.042 | < 0.040 | < 0.041 |
| 85-01-8  | 85-01-8 Phenanthrene            |                   |                |                           |                     |                       |                       | < 0.042 | < 0.040 | < 0.041 |
| 129-00-0 | 129-00-0 Pyrene                 | 2,300             |                | 000'19                    | :                   | 4,200                 | 21,000                | < 0.042 | < 0.040 | < 0.041 |
|          |                                 |                   |                |                           |                     |                       |                       |         |         |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-007 19041196-008 107 108 04/29/2019 10:30 04/29/2019 11:00 Laboratory ID: Client Sample ID: Date Collected:

|         |                                 |               |                            | Construction              | Construction Worker | Soil Com                     | Soil Component of     |         |         |
|---------|---------------------------------|---------------|----------------------------|---------------------------|---------------------|------------------------------|-----------------------|---------|---------|
|         |                                 | Residential R | Residential Route Specific | Route Specific Values for | ic Values for       | <b>Groundwater Ingestion</b> | er Ingestion          |         |         |
|         |                                 | Values        | Values for Soil            | Soil                      | ii                  | Exposure R                   | Exposure Route Values |         |         |
| CAS No. | Analyte                         | Ingestion     | Inhalation                 | Ingestion                 | Inhalation          | Class I                      | Class II              |         |         |
| 83-32-9 | Acenaphthene                    | 4,700         | ***                        | 120,000                   |                     | 570                          | 2,900                 | < 0.040 | < 0.041 |
| 8-9     | 208-96-8 Acenaphthylene         |               |                            |                           |                     |                              |                       | < 0.040 | < 0.041 |
| 2-7     | 20-12-7 Anthracene              | 23,000        | •••                        | 610,000                   | •••                 | 12,000                       | 000'65                | < 0.040 | < 0.041 |
| 56-55-3 | Benz(a)anthracene               | 6.0           | •••                        | 170                       |                     | 2                            | 8                     | < 0.040 | < 0.041 |
| 8.      | 50-32-8 Benzo(a)pyrene          | 0.09          | •••                        | 17                        | ***                 | 8                            | 82                    | < 0.040 | < 0.041 |
| 2-5     | 205-99-2 Benzo(b)fluoranthene   | 6.0           |                            | 170                       |                     | 5                            | 25                    | < 0.040 | < 0.041 |
| 1-2     | 191-24-2 Benzo(g,h,i)perylene   |               |                            |                           |                     |                              |                       | < 0.040 | < 0.041 |
| 6-8     | 207-08-9 Benzo(k)fluoranthene   | 6             | ***                        | 1,700                     | ***                 | 49                           | 250                   | < 0.040 | < 0.041 |
| 6-      | 218-01-9 Chrysene               | 88            |                            | 17,000                    | •                   | 160                          | 008                   | < 0.040 | < 0.041 |
| 3       | 53-70-3 Dibenz(a,h)anthracene   | 60.0          |                            | 17                        | ***                 | 2                            | 9.7                   | < 0.040 | < 0.041 |
| 0-1     | 206-44-0 Fluoranthene           | 3,100         |                            | 82,000                    | i                   | 4,300                        | 21,000                | < 0.040 | < 0.041 |
| .7      | 86-73-7 Fluorene                | 3,100         |                            | 82,000                    | •••                 | 260                          | 2,800                 | < 0.040 | < 0.041 |
| 3-5     | 193-39-5 Indeno(1,2,3-cd)pyrene | 6.0           | ***                        | 170                       | ***                 | 14                           | 69                    | < 0.040 | < 0.041 |
| 91-20-3 | Naphthalene                     | 1,600         | 170                        | 4,100                     | 1.8                 | 12                           | 81                    | < 0.040 | < 0.041 |
| 85-01-8 | Phenanthrene                    |               |                            |                           |                     |                              |                       | < 0.040 | < 0.041 |
| 0-0     | 129-00-0  Pyrene                | 2,300         | •••                        | 61,000                    |                     | 4,200                        | 21,000                | < 0.040 | < 0.041 |
| l       |                                 |               |                            |                           |                     |                              |                       |         |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-001 Client Sample ID: 101 Date Collected: 04/29/2019 08:00

| Residential Route Specific   Values for Soil   Soil   Specific Values   V |          |                   | <u> </u>      |                | Constructi | on Worker | Soil Com | ponent of                               |         |
|--|----------|-------------------|---------------|----------------|------------|-----------|----------|---|---------|
| Values for Soil  |          |                   | Decidential E | Poute Specific |            |           |          | •                                       |         |
| CAS No.  |          |                   |               | •              |            |           |          |   |         |
| 120-82-1   12-4-Trichtorbenzene  | CAS No   | Analyte           |               |                |            |           |          |   |         |
| 95-95-1 1,2-Dichlorobenzene 1-7,000 560 18,000 310 17 43 <0.21 106-46-7 1,4-Dichlorobenzene 106-46-7 1,4-Dichlorobenzene 106-46-7 1,4-Dichlorobenzene 110,000 340 2 11 <0.21 108-90-1 2,2-oxybist [Chloroprepane] 95-95-8 2,4-5-Trichlorophenol 17,800 200,000 270 1,400 <0.21 120-83-2 2,4-Dichlorophenol 188-90-1 2,4-5-Trichlorophenol 188-90-2 2,4-5-Trichlorophenol 188-90-2 2,4-5-Trichlorophenol 188-90-2 2,4-5-Trichlorophenol 188-90-2 2,4-5-Trichlorophenol 189-90-3 2,4-Dichlorobenol 180-0 41,000 9 9 <0.21 120-83-2 2,4-Dichlorophenol 180-0 41,000 9 9 <0.21 120-83-2 2,4-Dichlorophenol 180 4100 9 9 <0.21 121-14-2 2,4-Dichlorophenol 180 4100 9 9 <0.21 121-14-2 2,4-Dinitrophenol 180 0,0008 0,0008 <0.041 190-66-20-2 2,6-Dinitrotolucne 0,9 180 0,0007 0,0007 0,0007 <0.041 191-38-7 2-Chlorophenol 191-38-7 2-Chlorophenol 191-38-7 2-Chlorophenol 191-39-7 2-Methylaphthalane 191-39-39-30-30-30-30-30-30-30-30-30-30-30-30-30-  |          |                   |               |                |            |           |          |   | < 0.21  |
| Section   Sect |          |                   |               |                |            |           |          |   |         |
| 10646-7   14-Dichlorobenzene   |          |                   | 7,000         | 300            | 10,000     | 310       | 17       | 77                                      |         |
| 108.60-1   2 - 2 - 2 - 2 - 2 - 1   - 2 - 2 - 2 - 2   - 2 - 2   - 2 - 2   - 2 - 2   |          |                   | 1             | 11,000         |            | 340       | 2        | 11                                      |         |
| 95.954   2.45-Trichlorophenol   7,800     200,000     270   1,400   < 0.21   |          |                   | 1 333         | 11,000         |            | 340       |          |   |         |
| September   Sept |          |                   | 7 800         |                | 200,000    |           | 270      | 1 400                                   |         |
| 103-82-2   2.4-Distlorophenol   230  |          |                   |               |                |            |           |          |   |         |
| 105-67-9   2,4-Dimethylphenol   1,600     41,000     9   9   < 0.21  |          |                   |               |                |            |           |          |   |         |
|  |          |                   |               |                |            |           |          |   |         |
| 121-14-2   2.4-Dinitrotoluene  |          |                   |               |                |            |           |          |   |         |
|  |          |                   |               |                |            |           |          |   |         |
| 91-58-7   2-Chloronaphthalene   390   53,000   10,000   53,000   4   4   < 0.21   95-57-8   2-Chlorophenol   390   53,000   10,000   53,000   4   4   < 0.21   95-57-8   2-Chlorophenol   3,900     100,000     15   15   < 0.21   95-48-7   2-Methylphenol   3,900     100,000     15   15   < 0.21   88-75-5   2-Nitrophenol     280     0.007   0.033   < 0.21   99-09-2   3-Nitroaniline     0.01     0.01   99-09-2   3-Nitroaniline     0.01     0.01   99-09-3   4-Chloro   |          |                   |               |                |            |           |          |   |         |
| Section   Sect |          |                   | V.2           |                |            |           | 0.0007   | 0.000                                   |         |
| 91-57-6   2-Methylphenol   3,900     100,000     15   15   < 0.21  |          |                   | 390           | 53,000         | 10,000     | 53,000    | 4        | 4                                       |         |
| System   S |          |                   | 1 2,70        | 22,000         | ,,,,,,,    |           |          |   |         |
| 88-74-4   2-Nitrophenol  |          |                   | 3,900         |                | 100,000    | •••       | 15       | 15                                      |         |
| Section   Sect |          |                   | †             |                | ,,,,,,,    |           |          |   |         |
| 91-94-1   3,3'-Dichlorobenzidine   1   |          |                   | † · · · · ·   |                |            |           |          |   |         |
| 99-09-2   3-Nitroaniline   |          |                   | 1             |                | 280        |           | 0.007    | 0.033                                   |         |
| S34-52-1   4,6-Dinitro-2-methylphenol  |          |                   | <del></del>   |                |            |           |          | 0.000                                   |         |
| 101-55-3   4-Bromophenyl phenyl ether  |          |                   |               |                |            |           |          |   |         |
| Section   Sect |          |                   |               |                |            |           |          |   |         |
| 106-47-8   4-Chloroaniline   310     820     0,7   0.7   < 0.21  | <u> </u> |                   |               |                |            |           |          |   |         |
| Tools-72-3   4-Chlorophenyl phenyl ether   |          |                   | 310           |                | 820        |           | 0.7      | 0.7                                     |         |
| 100-01-6   |          |                   | 1             | ·              | 020        |           |          | • |         |
| 100-01-6   |          |                   |               |                |            |           |          |   |         |
| 100-02-7    4-Nitrophenol  |          |                   |               | -              |            |           |          | -                                       |         |
| Column   C |          |                   |               |                |            |           |          |   | < 0.41  |
| 92-87-5   Benzidine  |          |                   |               |                |            |           |          |   | < 0.41  |
| 65-85-0   Benzoic acid   310,000     820,000     400   400   <1.0  |          |                   |               | ĺ              |            |           |          |   | < 0.41  |
| 100-51-6   Benzyl alcohol  |          |                   | 310.000       |                | 820,000    |           | 400      | 400                                     | < 1.0   |
| 111-91-1   Bis(2-chloroethoxy)methane  |          |                   |               |                |            |           |          |   | < 0.21  |
| 111-44-4   Bis(2-chloroethyl)ether   0.6   0.2   75   0.66   0.0004   0.0004   < 0.21     117-81-7   Bis(2-ethylhexyl)phthalate   46   31,000   4,100   31,000   3,600   31,000   < 1.0     85-68-7   Butyl benzyl phthalate   16,000   930   410,000   930   930   930   < 0.21     86-74-8   Carbazole   32     6,200     0.6   2.8   < 0.21     84-74-2   Di-n-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   < 0.21     117-84-0   Di-n-octyl phthalate   1,600   10,000   4,100   10,000   10,000   10,000   < 0.21     132-64-9   Dibenzofuran  |          |                   | 1             | _              |            |           |          |   | < 0.21  |
| 117-81-7   Bis(2-ethylhexyl)phthalate  |          |                   | 0.6           | 0.2            | 75         | 0.66      | 0.0004   | 0.0004                                  | < 0.21  |
| S5-68-7   Butyl benzyl phthalate   16,000   930   410,000   930   930   930   930   <0.21  |          |                   |               |                | 4,100      | 31,000    | 3,600    | 31,000                                  | < 1.0   |
| 86-74-8         Carbazole         32          6,200          0.6         2.8         < 0.21           84-74-2         Di-n-butyl phthalate         7,800         2,300         200,000         2,300         2,300         2,300         < 0.21  |          |                   | 16,000        |                |            | 930       | 930      | 930                                     | < 0.21  |
| 84-74-2   Di-n-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   < 0.21  |          |                   |               |                |            |           |          |   | < 0.21  |
| 117-84-0   Di-n-octyl phthalate   1,600   10,000   4,100   10,000   10,000   10,000   < 0.21     132-64-9   Dibenzofuran   |          |                   |               | 2,300          |            | 2,300     | 2,300    | 2,300                                   | < 0.21  |
| 132-64-9   Dibenzofuran  |          |                   |               |                |            |           | 10,000   | 10,000                                  | < 0.21  |
| Result   R |          |                   | ,             |                |            |           |          |   | < 0.21  |
| 131-11-3   Dimethyl phthalate  |          |                   | 63,000        | 2,000          | 1,000,000  | 2,000     | 470      | 470                                     | < 0.21  |
| 118-74-1         Hexachlorobenzene         0.4         1         78         2.6         2         11         < 0.21  |          |                   |               |                |            |           |          |   | < 0.21  |
| 87-68-3         Hexachlorobutadiene          < 0.21  | 118-74-1 | Hexachlorobenzene | 0.4           | 1              | 78         | 2.6       | 2        | 11                                      | < 0.21  |
| 77-47-4         Hexachlorocyclopentadiene         550         10         14,000         1.1         400         2,200         < 0.21           67-72-1         Hexachloroethane         78          2,000          0.5         2.6         < 0.21  |          |                   |               |                |            |           |          |   | < 0.21  |
| 67-72-1         Hexachloroethane         78          2,000          0.5         2.6         < 0.21           78-59-1         Isophorone         15,600         4,600         410,000         4,600         8         8         < 0.21  |          |                   | 550           | 10             | 14,000     | 1.1       | 400      | 2,200                                   | < 0.21  |
| 78-59-1         Isophorone         15,600         4,600         410,000         4,600         8         8         < 0.21           621-64-7         N-Nitrosodi-n-propylamine         0.09          18          0.00005         < 0.041  |          | Hexachloroethane  |               |                |            |           | 0.5      |   | < 0.21  |
| 621-64-7         N-Nitrosodi-n-propylamine         0.09          18          0.00005         < 0.041   |          |                   |               | 4,600          |            |           |          |   | < 0.21  |
| 62-75-9         N-Nitrosodimethylamine   |          |                   |               |                |            |           | 0.00005  | 0.00005                                 | < 0.041 |
| 86-30-6         N-Nitrosodiphenylamine         130          25,000          1         5.6         < 0.21   |          |                   |               | T              |            |           |          |   | < 0.21  |
| 98-95-3         Nitrobenzene         39         92         1,000         9.4         0.1         0.1         < 0.041   |          |                   | 130           |                | 25,000     |           | 1        | 5.6                                     | < 0.21  |
| 87-86-5         Pentachlorophenol         3          520          0.03         0.14         < 0.083           108-95-2         Phenol         23,000          61,000          100         100         < 0.21   |          |                   |               |                |            | 9.4       | 0.1      |   | < 0.041 |
| 108-95-2 Phenol 23,000 61,000 100 100 < 0.21   |          |                   |               |                |            |           |          |   |         |
|  |          |                   |               |                |            |           |          | 100                                     | < 0.21  |
| 1110-00-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 110-86-1 | Pyridine          | 1             |                |            |           |          |   | < 0.83  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-002
Client Sample ID: 102
Date Collected: 04/29/2019 08:15

|           |                                      | <u> </u>   |                  | Constructi   | on Worker     | Soil Com    | ponent of           |                    |
|-----------|--------------------------------------|--|------------------|--------------|---------------|-------------|---------------------|--------------------|
|           | •                                    | Residential F                                    | Route Specific   | Route Specif | ic Values for | Groundwat   | er Ingestion        |                    |
|           |                                      | Values   | for Soil         | S            | oil           | Exposure R  | oute Values_        |                    |
| CAS No.   | Analyte                              | Ingestion  | Inhalation       | Ingestion    | Inhalation    | Class I     | Class II            |                    |
| 120-82-1  | 1,2,4-Trichlorobenzene               | 780  | 3,200            | 2,000        | 920           | 5           | 53                  | < 0.21             |
| 95-50-1   | 1,2-Dichlorobenzene                  | 7,000  | 560              | 18,000       | 310           | 17          | 43                  | < 0.21             |
| 541-73-1  | 1,3-Dichlorobenzene                  |  |                  |              |               |             |                     | < 0.21             |
| 106-46-7  | 1,4-Dichlorobenzene                  |  | 11,000           |              | 340           | 2           | 11                  | < 0.21             |
| 108-60-1  | 2, 2'-oxybis(1-Chloropropane)        |  |                  |              |               |             |                     | < 0.21             |
| 95-95-4   | 2,4,5-Trichlorophenol                | 7,800  |                  | 200,000      |               | 270         | 1,400               | < 0.21             |
| 88-06-2   | 2,4,6-Trichlorophenol                | 58   | 200              | 11,000       | 540           | 0.2         | 0.77                | < 0.21             |
| 120-83-2  | 2,4-Dichlorophenol                   | 230  |                  | 610          |               | 1           | 1                   | < 0.21             |
| 105-67-9  | 2.4-Dimethylphenol                   | 1,600  |                  | 41,000       | •••           | 9           | 9                   | < 0.21             |
| 51-28-5   | 2,4-Dinitrophenol                    | 160  |                  | 410          |               | 0.2         | 0.2                 | < 1.0              |
| 121-14-2  | 2,4-Dinitrotoluene                   | 0.9  |                  | 180          |               | 0.0008      | 0.0008              | < 0.041            |
| 606-20-2  | 2,6-Dinitrotoluene                   | 0.9  |                  | 180          |               | 0.0007      | 0.0007              | < 0.041            |
| 91-58-7   | 2-Chloronaphthalene                  |  |                  |              |               |             |                     | < 0.21             |
| 95-57-8   | 2-Chlorophenol                       | 390  | 53,000           | 10,000       | 53,000        | 4           | 4                   | < 0.21             |
| 91-57-6   | 2-Methylnaphthalene                  | 1  | ,,,,,,           | ,            | 7.2.7         |             | ·                   | < 0.21             |
| 95-48-7   | 2-Methylphenol                       | 3,900  |                  | 100,000      |               | 15          | 15                  | < 0.21             |
| 88-74-4   | 2-Nitroaniline                       | 1  |                  | 7            |               | -,          |                     | < 0.21             |
| 88-75-5   | 2-Nitrophenol                        |  |                  |              |               |             |                     | < 0.21             |
| 91-94-1   | 3,3'-Dichlorobenzidine               | 1  |                  | 280          |               | 0.007       | 0.033               | < 0.21             |
| 99-09-2   | 3-Nitroaniline                       | <del>-</del>                                     |                  |              |               |             | 1,7455              | < 0.21             |
| 534-52-1  | 4,6-Dinitro-2-methylphenol           |  |                  | -            |               | -           |                     | < 0.41             |
| 101-55-3  | 4-Bromophenyl phenyl ether           | <b>†</b>   |                  |              |               |             |                     | < 0.21             |
| 59-50-7   | 4-Chloro-3-methylphenol              | <del>                                     </del> | <del></del>      |              |               |             |                     | < 0.41             |
| 106-47-8  | 4-Chloroaniline                      | 310  | •••              | 820          |               | 0.7         | 0.7                 | < 0.21             |
| 7005-72-3 | 4-Chlorophenyl phenyl ether          | 310  |                  | 020          |               | <b>U.</b> , | <del>"</del>        | < 0.21             |
| 106-44-5  | 4-Methylphenol                       | <del>                                     </del> |                  |              |               |             |                     | < 0.21             |
| 100-01-6  | 4-Nitroaniline                       | 1  |                  | _            |               |             |                     | < 0.21             |
| 100-01-0  | 4-Nitrophenol                        | Ì  |                  |              |               |             |                     | < 0.41             |
| 62-53-3   | Aniline                              | <del> </del>                                     |                  |              |               |             |                     | < 0.42             |
| 92-87-5   | Benzidine                            | 1  |                  |              |               |             |                     | < 0.41             |
| 65-85-0   | Benzoic acid                         | 310,000  |                  | 820,000      |               | 400         | 400                 | < 1.0              |
| 100-51-6  | Benzyl alcohol                       | 310,000  |                  | 020,000      |               | 400         | 700                 | < 0.21             |
| 111-91-1  | Bis(2-chloroethoxy)methane           | <del>                                     </del> |                  |              |               |             |                     | < 0.21             |
| 111-44-4  | Bis(2-chloroethyl)ether              | 0.6  | 0.2              | 75           | 0.66          | 0.0004      | 0.0004              | < 0.21             |
| 117-81-7  | Bis(2-ethylhexyl)phthalate           | 46   | 31,000           | 4,100        | 31,000        | 3,600       | 31,000              | < 1.0              |
| 85-68-7   | Butyl benzyl phthalate               | 16,000   | 930              | 410,000      | 930           | 930         | 930                 | < 0.21             |
| 86-74-8   | Carbazole                            | 32   |                  | 6,200        |               | 0.6         | 2.8                 | < 0.21             |
| 84-74-2   | Di-n-butyl phthalate                 | 7,800  | 2,300            | 200,000      | 2,300         | 2,300       | 2,300               | < 0.21             |
| 117-84-0  | Di-n-octyl phthalate                 | 1,600  | 10,000           | 4,100        | 10,000        | 10,000      | 10,000              | < 0.21             |
| 132-64-9  | Dibenzofuran                         | 1,000  | 10,000           | 7,100        | 10,000        | 10,000      | 10,000              | < 0.21             |
| 84-66-2   |                                      | 63,000   | 2,000            | 1,000,000    | 2,000         | 470         | 470                 | < 0.21             |
| 131-11-3  | Diethyl phthalate Dimethyl phthalate | 05,000   | 2,000            | 1,000,000    | 2,000         | 7/0         | 7/0                 | < 0.21             |
| 118-74-1  |                                      | 0.4  | <del>  ,</del>   | 78           | 2.6           | 2           | 11                  | < 0.21             |
|           | Hexachlorobenzene                    | 0.4  | <del>- '</del> - | /8           | 2.0           |             | <del> - '' - </del> | < 0.21             |
| 87-68-3   | Hexachlorobutadiene                  | 550  | 10               | 14,000       | 1.1           | 400         | 2,200               | < 0.21             |
| 77-47-4   | Hexachlorocyclopentadiene            | 550  | 10               | 14,000       |               |             | 2,200               | < 0.21             |
| 67-72-1   | Hexachloroethane                     | 78   | 4 600            | 2,000        | 4,600         | 0.5<br>8    | 8                   | < 0.21             |
| 78-59-1   | Isophorone                           | 15,600   | 4,600            | 410,000      | _             |             | 0.00005             | < 0.041            |
| 621-64-7  | N-Nitrosodi-n-propylamine            | 0.09   |                  | 18           |               | 0.00005     | 0.00005             |                    |
| 62-75-9   | N-Nitrosodimethylamine               | 122  | ļ                | 25,000       |               |             | 5.2                 | < 0.21             |
| 86-30-6   | N-Nitrosodiphenylamine               | 130  |                  | 25,000       | 0.4           | 1           | 5.6                 | < 0.21             |
| 98-95-3   | Nitrobenzene                         | 39   | 92               | 1,000        | 9.4           | 0.1         | 0.1                 | < 0.041<br>< 0.084 |
| 87-86-5   | Pentachlorophenol                    | 3  |                  | 520          | •••           | 0.03        | 0.14                |                    |
| 108-95-2  | Phenol                               | 23,000   |                  | 61,000       |               | 100         | 100.                | < 0.21             |
| 110-86-1  | Pyridine                             |  |                  |              |               |             |                     | < 0.84             |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-003 Client Sample ID: 103 Date Collected: 04/29/2019 08:30

|                    |                                    |  |                | Constructi   | on Worker     | Soil Com     | ponent of    | ı               |
|--------------------|------------------------------------|--|----------------|--------------|---------------|--------------|--------------|-----------------|
|                    |                                    | Residential F                                    | Route Specific | Route Specif | ic Values for | Groundwat    | er Ingestion |                 |
|                    |                                    | Values   | for Soil       | Se           | oil           | Exposure R   | oute Values  |                 |
| CAS No.            | Analyte                            | Ingestion  | Inhalation     | Ingestion    | Inhalation    | Class I      | Class II     |                 |
| 120-82-1           | 1,2,4-Trichlorobenzene             | 780  | 3,200          | 2,000        | 920           | 5            | 53           | < 0.21          |
| 95-50-1            | 1,2-Dichlorobenzene                | 7,000  | 560            | 18,000       | 310           | 17           | 43           | < 0.21          |
| 541-73-1           | 1,3-Dichlorobenzene                |  |                |              |               |              |              | < 0.21          |
| 106-46-7           | 1,4-Dichlorobenzene                |  | 11,000         |              | 340           | 2            | 11           | < 0.21          |
| 108-60-1           | 2, 2'-oxybis(1-Chloropropane)      |  |                |              |               |              |              | < 0.21          |
| 95-95-4            | 2,4,5-Trichlorophenol              | 7,800  |                | 200,000      |               | 270          | 1,400        | < 0.21          |
|                    | 2,4,6-Trichlorophenol              | 58   | 200            | 11,000       | 540           | 0.2          | 0.77         | < 0.21          |
|                    | 2,4-Dichlorophenol                 | 230  | •••            | 610          |               | 1            | 9            | < 0.21          |
|                    | 2,4-Dimethylphenol                 | 1,600  | •••            | 41,000       |               | 0.2          | 0.2          | < 0.21<br>< 1.0 |
| 51-28-5            | 2,4-Dinitrophenol                  | 160  |                | 410<br>180   |               | 0.0008       | 0.0008       | < 0.040         |
| 121-14-2           | 2,4-Dinitrotoluene                 | 0.9  |                | 180          |               | 0.0008       | 0.0008       | < 0.040         |
| 606-20-2           | 2,6-Dinitrotoluene                 | 0.9  |                | 180          |               | 0.0007       | 0.0007       | < 0.21          |
| 91-58-7<br>95-57-8 | 2-Chloronaphthalene 2-Chlorophenol | 390  | 53,000         | 10,000       | 53,000        | 4            | 4            | < 0.21          |
|                    | 2-Methylnaphthalene                | 390  | 33,000         | 10,000       | 33,000        | <del>-</del> | -            | < 0.21          |
| 91-57-6<br>95-48-7 | 2-Methylphenol                     | 3,900  |                | 100,000      |               | 15           | 15           | < 0.21          |
| 88-74-4            | 2-Methylphenol 2-Nitroaniline      | 3,900  |                | 100,000      |               | 13           | 13           | < 0.21          |
| 88-75-5            | 2-Nitrophenol                      |  |                |              |               |              |              | < 0.21          |
| 91-94-1            | 3.3'-Dichlorobenzidine             | 1  |                | 280          |               | 0.007        | 0.033        | < 0.21          |
| 99-09-2            | 3-Nitroaniline                     | · · · · · ·                                      |                | 200          |               | 0.007        | 0.000        | < 0.21          |
| 534-52-1           | 4.6-Dinitro-2-methylphenol         |  | -              |              |               | -            |              | < 0.40          |
|                    | 4-Bromophenyl phenyl ether         |  |                |              |               |              |              | < 0.21          |
| 59-50-7            | 4-Chloro-3-methylphenol            | <del>                                     </del> |                |              |               |              |              | < 0.40          |
| 106-47-8           | 4-Chloroaniline                    | 310  |                | 820          |               | 0.7          | 0.7          | < 0.21          |
|                    | 4-Chlorophenyl phenyl ether        | 7.0  |                |              |               | ***          |              | < 0.21          |
| 106-44-5           | 4-Methylphenol                     |  |                |              |               |              |              | < 0.21          |
| 100-01-6           | 4-Nitroaniline                     |  |                |              |               |              |              | < 0.21          |
| 100-02-7           | 4-Nitrophenol                      |  |                |              |               |              |              | < 0.40          |
| 62-53-3            | Aniline                            |  |                |              |               |              |              | < 0.41          |
| 92-87-5            | Benzidine                          | T T  |                |              |               |              |              | < 0.40          |
| 65-85-0            | Benzoic acid                       | 310,000  |                | 820,000      |               | 400          | 400          | < 1.0           |
| 100-51-6           | Benzyl alcohol                     |  |                |              |               |              |              | < 0.21          |
| 111-91-1           | Bis(2-chloroethoxy)methane         |  |                |              |               |              |              | < 0.21          |
| 111-44-4           | Bis(2-chloroethyl)ether            | 0.6  | 0.2            | 75           | 0.66          | 0.0004       | 0.0004       | < 0.21          |
| 117-81-7           | Bis(2-ethylhexyl)phthalate         | 46   | 31,000         | 4,100        | 31,000        | 3,600        | 31,000       | < 1.0           |
| 85-68-7            | Butyl benzyl phthalate             | 16,000   | 930            | 410,000      | 930           | 930          | 930          | < 0.21          |
| 86-74-8            | Carbazole                          | 32   |                | 6,200        | •••           | 0.6          | 2.8          | < 0.21          |
| 84-74-2            | Di-n-butyl phthalate               | 7,800  | 2,300          | 200,000      | 2,300         | 2,300        | 2,300        | < 0.21          |
| 117-84-0           | Di-n-octyl phthalate               | 1,600  | 10,000         | 4,100        | 10,000        | 10,000       | 10,000       | < 0.21          |
| 132-64-9           | Dibenzofuran                       |  |                |              |               |              |              | < 0.21          |
| 84-66-2            | Diethyl phthalate                  | 63,000   | 2,000          | 1,000,000    | 2,000         | 470          | 470          | < 0.21          |
| 131-11-3           | Dimethyl phthalate                 |  |                |              |               |              |              | < 0.21          |
| 118-74-1           | Hexachlorobenzene                  | 0.4  | 1              | 78           | 2.6           | 2            | 11           | < 0.21          |
| 87-68-3            | Hexachlorobutadiene                |  |                |              |               |              |              | < 0.21          |
| 77-47-4            | Hexachlorocyclopentadiene          | 550  | 10             | 14,000       | 1.1           | 400          | 2,200        | < 0.21          |
| 67-72-1            | Hexachloroethane                   | 78   |                | 2,000        |               | 0.5          | 2.6          | < 0.21          |
| 78-59-1            | Isophorone                         | 15,600   | 4,600          | 410,000      | 4,600         | 8            | 8            | < 0.21          |
| 621-64-7           | N-Nitrosodi-n-propylamine          | 0.09   |                | 18           |               | 0.00005      | 0.00005      | < 0.040         |
| 62-75-9            | N-Nitrosodimethylamine             | ļ  |                |              |               |              |              | < 0.21          |
| 86-30-6            | N-Nitrosodiphenylamine             | 130  |                | 25,000       |               | 1            | 5.6          | < 0.21          |
| 98-95-3            | Nitrobenzene                       | 39   | 92             | 1,000        | 9.4           | 0.1          | 0.1          | < 0.040         |
| 87-86-5            | Pentachlorophenol                  | 3  |                | 520          | •••           | 0.03         | 0.14         | < 0.082         |
| 108-95-2           | Phenol                             | 23,000   |                | 61,000       |               | 100          | 100          | < 0.21          |
| 110-86-1           | Pyridine                           | <u> </u>   | l              |              |               |              |              | < 0.82          |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-004 Client Sample ID: 104 Date Collected: 04/29/2019 09:00

|                      |   | <del></del>                                      |                |           | 1             |   |              | 1       |
|----------------------|---|--|----------------|-----------|---------------|---|--------------|---------|
|                      |   |  |                |           | on Worker     |   | ponent of    |         |
|                      |   | 1  | toute Specific | • .       | ic Values for |   | er Ingestion |         |
|                      |   |  | for Soil       |           | oil           |   | oute Values  |         |
| CAS No.              | Analyte   | Ingestion  | Inhalation     | Ingestion | Inhalation    | Class I                                 | Class II     |         |
| 120-82-1             | 1,2,4-Trichlorobenzene                            | 780  | 3,200          | 2,000     | 920           | 5                                       | 53           | < 0.22  |
| 95-50-1              | 1,2-Dichlorobenzene                               | 7,000  | 560            | 18,000    | 310           | 17                                      | 43           | < 0.22  |
| 541-73-1             | 1,3-Dichlorobenzene                               |  |                |           |               |   |              | < 0.22  |
| 106-46-7             | 1,4-Dichlorobenzene                               |  | 11,000         | •••       | 340           | 2                                       | 11           | < 0.22  |
| 108-60-1             | 2, 2'-oxybis(1-Chloropropane)                     |  |                |           |               |   |              | < 0.22  |
| 95-95-4              | 2,4,5-Trichlorophenol                             | 7,800  |                | 200,000   |               | 270                                     | 1,400        | < 0.22  |
| 88-06-2              | 2,4,6-Trichlorophenol                             | 58   | 200            | 11,000    | 540           | 0.2                                     | 0.77         | < 0.22  |
| 120-83-2             | 2,4-Dichlorophenol                                | 230  | •••            | 610       | •••           | 1                                       | 1            | < 0.22  |
| 105-67-9             | 2,4-Dimethylphenol                                | 1,600  |                | 41,000    |               | 9                                       | 9            | < 0.22  |
| 51-28-5              | 2,4-Dinitrophenol                                 | 160  |                | 410       |               | 0.2                                     | 0.2          | < 1.1   |
| 121-14-2             | 2,4-Dinitrotoluene                                | 0.9  |                | 180       |               | 0.0008                                  | 0.0008       | < 0.042 |
| 606-20-2             | 2,6-Dinitrotoluene                                | 0.9  |                | 180       | •••           | 0.0007                                  | 0.0007       | < 0.042 |
| 91-58-7              | 2-Chloronaphthalene                               |  |                |           |               |   |              | < 0.22  |
| 95-57-8              | 2-Chlorophenol                                    | 390  | 53,000         | 10,000    | 53,000        | 4                                       | 4            | < 0.22  |
| 91-57-6              | 2-Methylnaphthalene                               |  |                |           |               |   |              | < 0.22  |
| 95-48-7              | 2-Methylphenol                                    | 3,900  |                | 100,000   |               | 15                                      | 15           | < 0.22  |
| 88-74-4              | 2-Nitroaniline                                    |  |                |           |               |   |              | < 0.22  |
| 88-75-5              | 2-Nitrophenol                                     |  |                |           |               |   |              | < 0.22  |
| 91-94-1              | 3,3'-Dichlorobenzidine                            | 1  |                | 280       |               | 0.007                                   | 0.033        | < 0.22  |
| 99-09-2              | 3-Nitroaniline                                    | ·  |                |           |               |   |              | < 0.22  |
| 534-52-1             | 4,6-Dinitro-2-methylphenol                        |  |                |           |               |   |              | < 0.42  |
|                      | 4-Bromophenyl phenyl ether                        |  |                |           | -             |   |              | < 0.22  |
| 59-50-7              | 4-Chloro-3-methylphenol                           |  |                | -         |               |   |              | < 0.42  |
| 106-47-8             | 4-Chloroaniline                                   | 310  |                | 820       |               | 0.7                                     | 0.7          | < 0.22  |
|                      | 4-Chlorophenyl phenyl ether                       |  |                | - 020     |               | • |              | < 0.22  |
| 106-44-5             | 4-Methylphenol                                    | <del>                                     </del> |                |           |               | _                                       |              | < 0.22  |
| 100-01-6             | 4-Nitroaniline                                    | <del></del>                                      |                |           |               |   |              | < 0.22  |
| 100-01-0             | 4-Nitrophenol                                     | <del>                                     </del> |                |           |               |   |              | < 0.42  |
| 62-53-3              | Aniline   |  |                |           |               |   |              | < 0.42  |
| 92-87-5              | Benzidine   |  |                |           |               |   |              | < 0.42  |
| 65-85-0              | Benzoic acid                                      | 310,000  |                | 820,000   |               | 400                                     | 400          | < 1.1   |
| 100-51-6             | Benzyl alcohol                                    | 310,000  |                | 020,000   |               | 700                                     | 100          | < 0.22  |
| 111-91-1             |   |  |                |           |               |   |              | < 0.22  |
|                      | Bis(2-chloroethoxy)methane                        | 0.6  | 0.2            | 75        | 0.66          | 0.0004                                  | 0.0004       | < 0.22  |
| 111-44-4<br>117-81-7 | Bis(2-chloroethyl)ether                           | 46   | 31,000         | 4,100     | 31,000        | 3,600                                   | 31,000       | < 1.1   |
|                      | Bis(2-ethylhexyl)phthalate Butyl benzyl phthalate |  | 930            | 410,000   | 930           | 930                                     | 930          | < 0.22  |
| 85-68-7              |   | 16,000<br>32                                     | 930            | 6,200     | 930           | 0.6                                     | 2.8          | < 0.22  |
| 86-74-8              | Carbazole   |  |                |           |               | 2,300                                   | 2,300        | < 0.22  |
| 84-74-2              | Di-n-butyl phthalate                              | 7,800  | 2,300          | 200,000   | 2,300         | 10,000                                  | 10,000       | < 0.22  |
| 117-84-0             | Di-n-octyl phthalate                              | 1,600  | 10,000         | 4,100     | 10,000        | 10,000                                  | 10,000       | < 0.22  |
| 132-64-9             | Dibenzofuran                                      | (2.000   | 2.000          | 1,000,000 | 2,000         | 470                                     | 470          | < 0.22  |
| 84-66-2              | Diethyl phthalate                                 | 63,000   | 2,000          | 1,000,000 | 2,000         | 470                                     | 4/0          | < 0.22  |
| 131-11-3             | Dimethyl phthalate                                |  |                | 30        |               |   | 1,           |         |
|                      | Hexachlorobenzene                                 | 0.4  | 1              | 78        | 2.6           | 2                                       | 11           | < 0.22  |
| 87-68-3              | Hexachlorobutadiene                               |  |                | 14.000    | <u> </u>      | 400                                     | 2 2 2 2      | < 0.22  |
| 77-47-4              | Hexachlorocyclopentadiene                         | 550  | 10             | 14,000    | 1.1           | 400                                     | 2,200        | < 0.22  |
| 67-72-1              | Hexachloroethane                                  | 78   |                | 2,000     |               | 0.5                                     | 2.6          | < 0.22  |
| 78-59-1              | lsophorone  | 15,600   | 4,600          | 410,000   | 4,600         | 8                                       | 8            | < 0.22  |
| 621-64-7             | N-Nitrosodi-n-propylamine                         | 0.09   |                | 18        |               | 0.00005                                 | 0.00005      | < 0.042 |
| 62-75-9              | N-Nitrosodimethylamine                            |  |                |           |               |   |              | < 0.22  |
| 86-30-6              | N-Nitrosodiphenylamine                            | 130  |                | 25,000    |               | 1                                       | 5.6          | < 0.22  |
| 98-95-3              | Nitrobenzene                                      | 39   | 92             | 1,000     | 9.4           | 0.1                                     | 0.1          | < 0.042 |
| 87-86-5              | Pentachlorophenol                                 | 3  |                | 520       | •••           | 0.03                                    | 0.14         | < 0.085 |
| 108-95-2             | Phenol  | 23,000   | •••            | 61,000    |               | 100                                     | 100          | < 0.22  |
| 110-86-1             | Pyridine  |  |                |           |               |   |              | < 0.85  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID:

19041196-005

Client Sample ID :

105

Date Collected: 04/29/2019 09:30

|                      |  |  |                | G          | 13/1          | S-9 C     |   |                  |
|----------------------|--|--|----------------|------------|---------------|-----------|---|------------------|
|                      |  | <br>   |                |            | on Worker     |           | ponent of                               |                  |
|                      |  |  | Route Specific | •          | ic Values for | Groundwat | -                                       |                  |
|                      |  |  | for Soil       | S          |               |           | oute Values                             |                  |
| CAS No.              | Analyte  | Ingestion  | Inhalation     | Ingestion  | Inhalation    | Class I   | Class II                                | (0.21            |
| 120-82-1             | 1,2,4-Trichlorobenzene                             | 780  | 3,200          | 2,000      | 920           | 5         | 53                                      | < 0.21           |
| 95-50-1              | 1,2-Dichlorobenzene                                | 7,000  | 560            | 18,000     | 310           | 17        | 43                                      | < 0.21           |
| 541-73-1             | 1,3-Dichlorobenzene                                | <b></b>  | 41.000         |            | 240           | •         | • | < 0.21           |
| 106-46-7             | 1,4-Dichlorobenzene                                |  | 11,000         |            | 340           | 2         | 11                                      | < 0.21           |
| 108-60-1             | 2, 2'-oxybis(1-Chloropropane)                      |  |                | 200 000    |               | 270       | 1.400                                   | < 0.21           |
| 95-95-4              | 2,4,5-Trichlorophenol                              | 7,800  |                | 200,000    | 540           | 270       | 1,400                                   | < 0.21           |
| 88-06-2              | 2,4,6-Trichlorophenol                              | 58   | 200            | 11,000     | 540           | 0.2       | 0.77                                    | < 0.21           |
| 120-83-2             | 2,4-Dichlorophenol                                 | 230  |                | 610        |               | 1         | 1                                       | < 0.21           |
| 105-67-9             | 2,4-Dimethylphenol                                 | 1,600  |                | 41,000     |               | 0.2       | 9<br>0.2                                | < 0.21<br>< 1.0  |
| 51-28-5              | 2,4-Dinitrophenol                                  | 160  |                | 410<br>180 |               | 0.0008    | 0.0008                                  | < 0.040          |
| 121-14-2             | 2,4-Dinitrotoluene                                 | 0.9  |                |            |               |           | 0.0008                                  | < 0.040          |
| 606-20-2             | 2,6-Dinitrotoluene                                 | 0.9  |                | 180        |               | 0.0007    | 0.0007                                  | < 0.21           |
| 91-58-7              | 2-Chloronaphthalene                                | 200  | 62.000         | 10.000     | 62,000        | 4         | 4                                       |                  |
| 95-57-8              | 2-Chlorophenol                                     | 390  | 53,000         | 10,000     | 53,000        | 4         | +                                       | < 0.21<br>< 0.21 |
| 91-57-6              | 2-Methylnaphthalene                                | 2.000  |                | 100.000    |               | 15        | 15                                      | < 0.21           |
| 95-48-7              | 2-Methylphenol                                     | 3,900  |                | 100,000    |               | 13        | 13                                      | < 0.21           |
| 88-74-4              | 2-Nitroaniline                                     |  |                |            |               |           |   | < 0.21           |
| 88-75-5              | 2-Nitrophenol 3,3'-Dichlorobenzidine               | <del>                                     </del> |                | 280        |               | 0.007     | 0.033                                   | < 0.21           |
| 91-94-1              |  | 1  | •              | 280        |               | 0.007     | 0.033                                   | < 0.21           |
| 99-09-2<br>534-52-1  | 3-Nitroaniline                                     |  | -              |            |               |           |   | < 0.40           |
|                      | 4,6-Dinitro-2-methylphenol                         |  |                |            |               |           |   | < 0.40           |
| 101-55-3             | 4-Bromophenyl phenyl ether 4-Chloro-3-methylphenol | <del></del>                                      |                |            |               |           |   | < 0.40           |
| 59-50-7<br>106-47-8  | 4-Chloroaniline                                    | 310  | •••            | 820        |               | 0.7       | 0.7                                     | < 0.21           |
|                      | 4-Chlorophenyl phenyl ether                        | 310  |                | 620        |               | 0.7       | 0.7                                     | < 0.21           |
| 106-44-5             |  | <del> </del>                                     |                |            |               |           |   | < 0.21           |
|                      | 4-Methylphenol                                     |  |                |            |               |           |   | < 0.21           |
| 100-01-6<br>100-02-7 | 4-Nitroaniline<br>4-Nitrophenol                    |  |                |            |               |           |   | < 0.40           |
|                      | Aniline  | <u> </u>   |                |            |               |           |   | < 0.41           |
| 62-53-3              | Benzidine  |  | _              |            |               |           |   | < 0.40           |
| 92-87-5<br>65-85-0   | Benzoic acid                                       | 310,000  |                | 820,000    |               | 400       | 400                                     | < 1.0            |
| 100-51-6             | Benzyl alcohol                                     | 310,000  |                | 820,000    |               | 700       | 400                                     | < 0.21           |
| 111-91-1             | Bis(2-chloroethoxy)methane                         |  |                |            |               |           |   | < 0.21           |
| 111-44-4             | Bis(2-chloroethyl)ether                            | 0.6  | 0.2            | 75         | 0.66          | 0.0004    | 0.0004                                  | < 0.21           |
| 117-81-7             | Bis(2-ethylhexyl)phthalate                         | 46   | 31,000         | 4,100      | 31,000        | 3,600     | 31,000                                  | < 1.0            |
| 85-68-7              | Butyl benzyl phthalate                             | 16,000   | 930            | 410,000    | 930           | 930       | 930                                     | < 0.21           |
| 86-74-8              | Carbazole  | 32   |                | 6,200      |               | 0.6       | 2.8                                     | < 0.21           |
| 84-74-2              | Di-n-butyl phthalate                               | 7,800  | 2,300          | 200,000    | 2,300         | 2,300     | 2,300                                   | < 0.21           |
| 117-84-0             | Di-n-octyl phthalate                               | 1,600  | 10,000         | 4,100      | 10,000        | 10,000    | 10,000                                  | < 0.21           |
| 132-64-9             | Dibenzofuran                                       | 1,000  | 10,000         | 7,100      | 10,000        | 10,000    | 10,000                                  | < 0.21           |
| 84-66-2              | Diethyl phthalate                                  | 63,000   | 2,000          | 1,000,000  | 2,000         | 470       | 470                                     | < 0.21           |
|                      | Dimethyl phthalate                                 | 05,000   | 2,000          | 1,000,000  | 2,000         | 1,70      | · ·/·                                   | < 0.21           |
|                      | Hexachlorobenzene                                  | 0.4  | 1              | 78         | 2.6           | 2         | 11                                      | < 0.21           |
| 87-68-3              | Hexachlorobutadiene                                | V.4  | <u> </u>       |            | 2.0           | -         |   | < 0.21           |
| 77-47-4              | Hexachlorocyclopentadiene                          | 550  | 10             | 14,000     | 1.1           | 400       | 2,200                                   | < 0.21           |
| 67-72-1              | Hexachloroethane                                   | 78   |                | 2,000      |               | 0.5       | 2.6                                     | < 0.21           |
| 78-59-1              | Isophorone   | 15,600   | 4,600          | 410,000    | 4,600         | 8         | 8                                       | < 0.21           |
| 621-64-7             | N-Nitrosodi-n-propylamine                          | 0.09   | 4,000          | 18         |               | 0.00005   | 0.00005                                 | < 0.040          |
| 62-75-9              | N-Nitrosodimethylamine                             | V.U3   |                | 10         |               | 0.0000    | 0.0000                                  | < 0.21           |
| 86-30-6              | N-Nitrosodiphenylamine                             | 130  |                | 25,000     |               | 1         | 5.6                                     | < 0.21           |
| 98-95-3              | Nitrobenzene                                       | 39   | 92             | 1,000      | 9.4           | 0.1       | 0.1                                     | < 0.040          |
| 87-86-5              | Pentachlorophenol                                  | 39   |                | 520        | 2.4           | 0.03      | 0.14                                    | < 0.082          |
| 108-95-2             | Phenol   | 23,000   |                | 61,000     |               | 100       | 100                                     | < 0.21           |
| 110-86-1             | Pyridine   | 23,000   | <del></del>    | 01,000     |               | 100       |   | < 0.82           |
| 110-00-1             | i yriduic  |  |                |            |               |           |   | - 0.02           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-006 Client Sample ID: 106 Date Collected: 04/29/2019 10:00

|          |                               |               |                | Constructi | on Worker     | Soil Com | ponent of    |         |
|----------|-------------------------------|---------------|----------------|------------|---------------|----------|--------------|---------|
|          |                               | Posidential E | Route Specific |            | ic Values for |          | er Ingestion |         |
|          |                               |               | for Soil       | •          | oil           |          | oute Values  |         |
| CAS No.  | Analyte                       | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I  | Class II     |         |
|          | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000      | 920           | 5        | 53           | < 0.21  |
| 95-50-1  | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000     | 310           | 17       | 43           | < 0.21  |
| 541-73-1 | 1,3-Dichlorobenzene           | 7,000         | 500            | 10,000     |               |          |              | < 0.21  |
| 106-46-7 | 1,4-Dichlorobenzene           |               | 11,000         |            | 340           | 2        | 11           | < 0.21  |
| 108-60-1 | 2, 2'-oxybis(1-Chloropropane) |               |                |            |               |          |              | < 0.21  |
|          | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000    |               | 270      | 1,400        | < 0.21  |
| 88-06-2  | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000     | 540           | 0.2      | 0.77         | < 0.21  |
| 120-83-2 | 2,4-Dichlorophenol            | 230           | •••            | 610        | •••           | 1        | 1            | < 0.21  |
|          | 2,4-Dimethylphenol            | 1,600         |                | 41,000     |               | 9        | 9            | < 0.21  |
| 51-28-5  | 2,4-Dinitrophenol             | 160           |                | 410        |               | 0.2      | 0.2          | < 1.0   |
| 121-14-2 | 2,4-Dinitrotoluene            | 0.9           | •••            | 180        |               | 0.0008   | 0.0008       | < 0.041 |
|          | 2,6-Dinitrotoluene            | 0.9           |                | 180        |               | 0.0007   | 0.0007       | < 0.041 |
| 91-58-7  | 2-Chloronaphthalene           |               |                |            |               |          |              | < 0.21  |
| 95-57-8  | 2-Chlorophenol                | 390           | 53,000         | 10,000     | 53,000        | 4        | 4            | < 0.21  |
| 91-57-6  | 2-Methylnaphthalene           |               | ,              |            | ·             |          |              | < 0.21  |
| 95-48-7  | 2-Methylphenol                | 3,900         |                | 100,000    |               | 15       | 15           | < 0.21  |
| 88-74-4  | 2-Nitroaniline                |               |                |            |               |          |              | < 0.21  |
| 88-75-5  | 2-Nitrophenol                 |               |                |            |               |          |              | < 0.21  |
| 91-94-1  | 3,3'-Dichlorobenzidine        | 1             |                | 280        |               | 0.007    | 0.033        | < 0.21  |
| 99-09-2  | 3-Nitroaniline                |               |                |            |               |          |              | < 0.21  |
| 534-52-1 | 4,6-Dinitro-2-methylphenol    |               |                |            |               |          |              | < 0.41  |
| 101-55-3 | 4-Bromophenyl phenyl ether    |               |                |            |               |          |              | < 0.21  |
| 59-50-7  | 4-Chloro-3-methylphenol       |               |                |            |               |          |              | < 0.41  |
| 106-47-8 | 4-Chloroaniline               | 310           |                | 820        |               | 0.7      | 0.7          | < 0.21  |
|          | 4-Chlorophenyl phenyl ether   |               |                | _          |               |          |              | < 0.21  |
| 106-44-5 | 4-Methylphenol                |               |                |            |               |          |              | < 0.21  |
| 100-01-6 | 4-Nitroaniline                |               | 2              |            |               | -        |              | < 0.21  |
| 100-02-7 | 4-Nitrophenol                 |               |                |            |               |          | - ' '        | < 0.41  |
| 62-53-3  | Aniline                       |               |                |            |               |          |              | < 0.42  |
| 92-87-5  | Benzidine                     |               |                |            |               |          |              | < 0.41  |
| 65-85-0  | Benzoic acid                  | 310,000       | •••            | 820,000    |               | 400      | 400          | < 1.0   |
| 100-51-6 | Benzyl alcohol                | ·             |                |            |               |          |              | < 0.21  |
| 111-91-1 | Bis(2-chloroethoxy)methane    |               |                |            |               |          |              | < 0.21  |
| 111-44-4 | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75         | 0.66          | 0.0004   | 0.0004       | < 0.21  |
| 117-81-7 | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100      | 31,000        | 3,600    | 31,000       | < 1.0   |
| 85-68-7  | Butyl benzyl phthalate        | 16,000        | 930            | 410,000    | 930           | 930      | 930          | < 0.21  |
| 86-74-8  | Carbazole                     | 32            |                | 6,200      |               | 0.6      | 2.8          | < 0.21  |
| 84-74-2  | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000    | 2,300         | 2,300    | 2,300        | < 0.21  |
| 117-84-0 | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100      | 10,000        | 10,000   | 10,000       | < 0.21  |
| 132-64-9 | Dibenzofuran                  |               |                |            |               | 1.5      |              | < 0.21  |
| 84-66-2  | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000  | 2,000         | 470      | 470          | < 0.21  |
|          | Dimethyl phthalate            |               |                |            |               |          |              | < 0.21  |
| 118-74-1 | Hexachlorobenzene             | 0.4           | 1              | 78         | 2.6           | 2        | 11           | < 0.21  |
| 87-68-3  | Hexachlorobutadiene           |               |                |            |               | 26.5     |              | < 0.21  |
| 77-47-4  | Hexachlorocyclopentadiene     | 550           | 10             | 14,000     | 1.1           | 400      | 2,200        | < 0.21  |
| 67-72-1  | Hexachloroethane              | 78            | •••            | 2,000      |               | 0.5      | 2.6          | < 0.21  |
| 78-59-1  | Isophorone                    | 15,600        | 4,600          | 410,000    | 4,600         | 8        | 8            | < 0.21  |
| 621-64-7 | N-Nitrosodi-n-propylamine     | 0.09          |                | 18         |               | 0.00005  | 0.00005      | < 0.041 |
| 62-75-9  | N-Nitrosodimethylamine        |               |                |            |               |          |              | < 0.21  |
| 86-30-6  | N-Nitrosodiphenylamine        | 130           | •••            | 25,000     |               | 1        | 5.6          | < 0.21  |
| 98-95-3  | Nitrobenzene                  | 39            | 92             | 1,000      | 9.4           | 0.1      | 0.1          | < 0.041 |
| 87-86-5  | Pentachlorophenol             | 3             |                | 520        |               | 0.03     | 0.14         | < 0.084 |
| 108-95-2 | Phenol                        | 23,000        |                | 61,000     |               | 100      | 100          | < 0.21  |
| 110-86-1 | Pyridine                      | L             |                |            |               |          |              | < 0.84  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-007 Client Sample ID: 107 Date Collected: 04/29/2019 10:30

|          |  | Posidential T                                    | loute Specific |                 | on Worker<br>ic Values for |            | ponent of<br>er Ingestion |                  |
|----------|--|--|----------------|-----------------|----------------------------|------------|---------------------------|------------------|
|          |  |  | for Soil       | •               | oil                        |            | oute Values               |                  |
| CAS No.  | Analyte                                    | Ingestion  | Inhalation     | Ingestion       | Inhalation                 | Class I    | Class II                  |                  |
| 120-82-1 | 1,2,4-Trichlorobenzene                     | 780  | 3,200          | 2,000           | 920                        | 5          | 53                        | < 0.21           |
| 95-50-1  | 1,2-Dichlorobenzene                        | 7,000  | 560            | 18,000          | 310                        | 17         | 43                        | < 0.21           |
| 541-73-1 | 1,3-Dichlorobenzene                        |  |                |                 |                            |            |                           | < 0.21           |
| 106-46-7 | 1,4-Dichlorobenzene                        |  | 11,000         |                 | 340                        | 2          | 11                        | < 0.21           |
| 108-60-1 | 2, 2'-oxybis(1-Chloropropane)              |  |                |                 |                            |            |                           | < 0.21           |
| 95-95-4  | 2,4,5-Trichlorophenol                      | 7,800  | •              | 200,000         | •••                        | 270        | 1,400                     | < 0.21           |
|          | 2,4,6-Trichlorophenol                      | 58   | 200            | 11,000          | 540                        | 0.2        | 0.77                      | < 0.21           |
|          | 2,4-Dichlorophenol                         | 230  |                | 610             | •••                        | 1          | 1                         | < 0.21           |
|          | 2,4-Dimethylphenol                         | 1,600  |                | 41,000          |                            | 9          | 9                         | < 0.21           |
|          | 2,4-Dinitrophenol                          | 160  | •••            | 410             |                            | 0.2        | 0.2                       | < 1.0            |
|          | 2,4-Dinitrotoluene                         | 0.9  |                | 180             | •••                        | 0.0008     | 0.0008                    | < 0.040          |
|          | 2,6-Dinitrotoluene                         | 0.9  | •••            | 180             |                            | 0.0007     | 0.0007                    | < 0.040          |
|          | 2-Chloronaphthalene                        | 200  | 62.000         | 10.000          | 52.000                     | 4          | <del></del>               | < 0.21           |
|          | 2-Chlorophenol                             | 390  | 53,000         | 10,000          | 53,000                     | 4          | 4                         | < 0.21<br>< 0.21 |
|          | 2-Methylnaphthalene                        | 2 000  |                | 100,000         |                            | 15         | 15                        | < 0.21           |
|          | 2-Methylphenol 2-Nitroaniline              | 3,900  |                | 100,000         |                            | 13         | 13                        | < 0.21           |
| -        | 2-Nitrophenol                              | <del> </del>                                     |                |                 |                            |            |                           | < 0.21           |
|          | 3,3'-Dichlorobenzidine                     | 1  |                | 280             | ***                        | 0.007      | 0.033                     | < 0.21           |
|          | 3-Nitroaniline                             | 1  |                | 280             |                            | 0.007      | 0.055                     | < 0.21           |
|          | 4,6-Dinitro-2-methylphenol                 |  |                |                 |                            |            | i                         | < 0.40           |
|          | 4-Bromophenyl phenyl ether                 | <del>                                     </del> |                |                 |                            |            |                           | < 0.21           |
|          | 4-Chloro-3-methylphenol                    | <del>                                     </del> |                |                 |                            |            |                           | < 0.40           |
|          | 4-Chloroaniline                            | 310  |                | 820             |                            | 0.7        | 0.7                       | < 0.21           |
|          | 4-Chlorophenyl phenyl ether                |  |                |                 | -                          |            |                           | < 0.21           |
|          | 4-Methylphenol                             |  |                |                 |                            |            |                           | < 0.21           |
|          | 4-Nitroaniline                             |  |                |                 |                            |            |                           | < 0.21           |
|          | 4-Nitrophenol                              |  |                |                 |                            |            |                           | < 0.40           |
| 62-53-3  | Aniline                                    |  |                |                 |                            |            |                           | < 0.41           |
| 92-87-5  | Benzidine                                  |  |                |                 |                            |            |                           | < 0.40           |
| 65-85-0  | Benzoic acid                               | 310,000  | •••            | 820,000         |                            | 400        | 400                       | < 1.0            |
| 100-51-6 | Benzyl alcohol                             |  |                |                 |                            |            |                           | < 0.21           |
| 111-91-1 | Bis(2-chloroethoxy)methane                 |  |                |                 |                            |            |                           | < 0.21           |
|          | Bis(2-chloroethyl)ether                    | 0.6  | 0.2            | 75              | 0.66                       | 0.0004     | 0.0004                    | < 0.21           |
|          | Bis(2-ethylhexyl)phthalate                 | 46   | 31,000         | 4,100           | 31,000                     | 3,600      | 31,000                    | < 1.0            |
|          | Butyl benzyl phthalate                     | 16,000   | 930            | 410,000         | 930                        | 930        | 930                       | < 0.21           |
| 86-74-8  | Carbazole                                  | 32   |                | 6,200           |                            | 0.6        | 2.8                       | < 0.21           |
|          | Di-n-butyl phthalate                       | 7,800  | 2,300          | 200,000         | 2,300                      | 2,300      | 2,300                     | < 0.21           |
|          | Di-n-octyl phthalate                       | 1,600  | 10,000         | 4,100           | 10,000                     | 10,000     | 10,000                    | < 0.21           |
|          | Dibenzofuran                               | (2.222   |                | 1 000 000       |                            | 450        | 470                       | < 0.21           |
|          | Diethyl phthalate                          | 63,000   | 2,000          | 1,000,000       | 2,000                      | 470        | 470                       | < 0.21           |
|          | Dimethyl phthalate                         | 0.4  | ,              | 70              | 3.                         |            | <del>  ,,  </del>         | < 0.21           |
|          | Hexachlorobenzene                          | 0.4  | 1              | 78              | 2.6                        | 2          | 11                        | < 0.21           |
|          | Hexachlorobutadiene                        | 550  | 10             | 14 000          | 1 1                        | 400        | 2 200                     | < 0.21<br>< 0.21 |
|          | Hexachlorocyclopentadiene Hexachloroethane | 550<br>78  |                | 14,000<br>2,000 | 1.1                        | 400<br>0.5 | 2,200<br>2.6              | < 0.21           |
|          | Isophorone                                 | 15,600   | 4,600          | 410,000         | 4,600                      | 8          | 8                         | < 0.21           |
|          | N-Nitrosodi-n-propylamine                  | 0.09   | 4,000          | 18              | 4,000                      | 0.00005    | 0.00005                   | < 0.040          |
|          | N-Nitrosodimethylamine                     | 0.09   |                | 10              |                            | 0.00003    | 0.00003                   | < 0.21           |
|          | N-Nitrosodiphenylamine                     | 130  |                | 25,000          | •••                        | 1          | 5.6                       | < 0.21           |
|          | Nitrobenzene                               | 39   | 92             | 1,000           | 9.4                        | 0.1        | 0.1                       | < 0.040          |
|          | Pentachlorophenol                          | 3  |                | 520             | - 2.4                      | 0.03       | 0.14                      | < 0.082          |
|          | Phenol                                     | 23,000   |                | 61,000          |                            | 100        | 100                       | < 0.21           |
|          | Pyridine                                   | 25,000   |                | ,,,,,,,,,       |                            |            |                           | < 0.82           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

### TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (SVOC)

Client: Environmental Group Services, Ltd.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-008
Client Sample ID: 108
Date Collected: 04/29/2019 11:00

|           |                               |           |                | Constructi   |             |         | ponent of    |                   |
|-----------|-------------------------------|-----------|----------------|--------------|-------------|---------|--------------|-------------------|
|           |                               |           | toute Specific | Route Specif |             |         | er Ingestion |                   |
|           |                               | Values    | for Soil       | Sc           |             | _       | oute Values  |                   |
| CAS No.   | Analyte                       | Ingestion | Inhalation     | Ingestion    | Inhalation  | Class I | Class II     |                   |
| 120-82-1  | 1,2,4-Trichlorobenzene        | 780       | 3,200          | 2,000        | 920         | 5       | 53           | < 0.21            |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000     | 560            | 18,000       | 310         | 17      | 43           | < 0.21            |
| 541-73-1  | 1,3-Dichlorobenzene           |           |                |              |             |         |              | < 0.21            |
| 106-46-7  | 1,4-Dichlorobenzene           |           | 11,000         |              | 340         | 2       | 11           | < 0.21            |
| 108-60-1  | 2, 2'-oxybis(1-Chloropropane) |           |                |              |             |         |              | < 0.21            |
| 95-95-4   | 2,4,5-Trichlorophenol         | 7,800     |                | 200,000      |             | 270     | 1,400        | < 0.21            |
| 88-06-2   | 2,4,6-Trichlorophenol         | 58        | 200            | 11,000       | 540         | 0.2     | 0.77         | < 0.21            |
| 120-83-2  | 2,4-Dichlorophenol            | 230       |                | 610          |             | 1       | 1            | < 0.21            |
| 105-67-9  | 2,4-Dimethylphenol            | 1,600     |                | 41,000       |             | 9       | 9            | < 0.21            |
| 51-28-5   | 2,4-Dinitrophenol             | 160       | •••            | 410          |             | 0.2     | 0.2          | < 1.0             |
| 121-14-2  | 2,4-Dinitrotoluene            | 0.9       |                | 180          |             | 0.0008  | 0.0008       | < 0.041           |
| 606-20-2  | 2,6-Dinitrotoluene            | 0.9       |                | 180          |             | 0.0007  | 0.0007       | < 0.041           |
| 91-58-7   | 2-Chloronaphthalene           |           |                |              |             |         |              | < 0.21            |
| 95-57-8   | 2-Chlorophenol                | 390       | 53,000         | 10,000       | 53,000      | 4       | 4            | < 0.21            |
| 91-57-6   | 2-Methylnaphthalene           |           |                |              |             |         |              | < 0.21            |
| 95-48-7   | 2-Methylphenol                | 3,900     |                | 100,000      |             | 15      | 15           | < 0.21            |
| 88-74-4   | 2-Nitroaniline                |           |                |              |             |         |              | < 0.21            |
| 88-75-5   | 2-Nitrophenol                 |           |                |              |             | 2 2 2 2 |              | < 0.21            |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1         |                | 280          |             | 0.007   | 0.033        | < 0.21            |
| 99-09-2   | 3-Nitroaniline                | ļ         |                |              |             |         |              | < 0.21            |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    |           |                |              |             |         |              | < 0.41            |
| 101-55-3  | 4-Bromophenyl phenyl ether    | <u> </u>  |                |              |             |         |              | < 0.21            |
| 59-50-7   | 4-Chloro-3-methylphenol       |           |                |              |             |         |              | < 0.41            |
| 106-47-8  | 4-Chloroaniline               | 310       |                | 820          |             | 0.7     | 0.7          | < 0.21            |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |           | ·              |              |             |         |              | < 0.21            |
| 106-44-5  | 4-Methylphenol                | ļ         |                |              |             |         |              | < 0.21            |
| 100-01-6  | 4-Nitroaniline                |           |                |              |             |         |              | < 0.21            |
| 100-02-7  | 4-Nitrophenol                 |           |                |              |             |         |              | < 0.41            |
| 62-53-3   | Aniline                       |           |                |              |             |         |              | < 0.41            |
| 92-87-5   | Benzidine                     |           |                | 000 000      |             | 100     | 100          | < 0.41            |
| 65-85-0   | Benzoic acid                  | 310,000   |                | 820,000      |             | 400     | 400          | < 1.0             |
| 100-51-6  | Benzyl alcohol                |           |                |              |             |         |              | < 0.21            |
| 111-91-1  | Bis(2-chloroethoxy)methane    |           |                |              | 0.66        | 0.0004  | 0.0004       | < 0.21            |
| 111-44-4  | Bis(2-chloroethyl)ether       | 0.6       | 0.2            | 75           | 0.66        | 0.0004  | 0.0004       | < 0.21            |
| 117-81-7  | Bis(2-ethylhexyl)phthalate    | 46        | 31,000         | 4,100        | 31,000      | 3,600   | 31,000       | < 1.0             |
| 85-68-7   | Butyl benzyl phthalate        | 16,000    | 930            | 410,000      | 930         | 930     | 930          | < 0.21            |
| 86-74-8   | Carbazole                     | 32        | 2 200          | 6,200        | 2 200       | 0.6     | 2.8          | < 0.21            |
| 84-74-2   | Di-n-butyl phthalate          | 7,800     | 2,300          | 200,000      | 2,300       | 2,300   | 2,300        | < 0.21            |
| 117-84-0  | Di-n-octyl phthalate          | 1,600     | 10,000         | 4,100        | 10,000      | 10,000  | 10,000       | < 0.21            |
| 132-64-9  | Dibenzofuran                  | (2.000    | 2.000          | 1,000,000    | 2.000       | 430     | 430          | < 0.21            |
| 84-66-2   | Diethyl phthalate             | 63,000    | 2,000          | 1,000,000    | 2,000       | 470     | 470          | < 0.21            |
| 131-11-3  | Dimethyl phthalate            | 0.4       |                | 70           |             | 2       | 11           | < 0.21<br>< 0.21  |
| 118-74-1  | Hexachlorobenzene             | 0.4       | 1              | 78           | 2.6         |         | 11           | < 0.21            |
| 87-68-3   | Hexachlorobutadiene           | 660       | 10-            | 14.000       | <b>—</b> ,, | 400     | 2 200        | < 0.21            |
| 77-47-4   | Hexachlorocyclopentadiene     | 550       | 10             | 14,000       | 1.1         | 400     | 2,200        | < 0.21            |
| 67-72-1   | Hexachloroethane              | 78        | 4.600          | 2,000        | 4.600       | 0.5     | 2.6          |                   |
| 78-59-1   | Isophorone                    | 15,600    | 4,600          | 410,000      | 4,600       | 0.0006  | 0.00005      | < 0.21            |
| 621-64-7  | N-Nitrosodi-n-propylamine     | 0.09      |                | 18           |             | 0.00005 | 0.00003      | < 0.041           |
| 62-75-9   | N-Nitrosodimethylamine        | 120       |                | 26,000       |             |         | - 5 4        | < 0.21            |
| 86-30-6   | N-Nitrosodiphenylamine        | 130       |                | 25,000       |             | 1       | 5.6          | < 0.21            |
| 98-95-3   | Nitrobenzene                  | 39        | 92             | 1,000        | 9.4         | 0.1     | 0.1          | < 0.041           |
| 87-86-5   | Pentachlorophenol             | 3 22 000  | •••            | 520          | •••         | 0.03    | 0.14         | < 0.082<br>< 0.21 |
| 108-95-2  | Phenol                        | 23,000    |                | 61,000       |             | 100     | 100          |                   |
| 110-86-1  | Pyridine                      |           |                | L            |             |         | J            | < 0.82            |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PCB)

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-003 102 04/29/2019 08:15 19041196-002 19041196-001 Laboratory D: Client Sample D:

04/29/2019 08:00

Date Collected:

04/29/2019 09:00

04/29/2019 08:30

19041196-004

< 0.10 < 0.10 < 0.10 < 0.10 < 0.10 < 0.10 < 0.10 < 0.095 < 0.095 < 0.095 < 0.095 < 0.095 < 0.095 < 0.095 × 0.098 × 0.098 < 0.098 < 0.098 < 0.098 < 0.098 < 0.098 < 0.099 < 0.099 < 0.099 < 0.099 < 0.099 < 0.099 < 0.099 Groundwater Ingestion **Exposure Route Values** Class II Soil Component of 1 ŀ 1 Class I ł 1 Route Specific Values for Inhalation Construction Worker Ingestion Residential Route Specific Inhalation Values for Soil Ingestion Analyte Aroclor 1248 Aroclor 1242 Aroclor 1254 1096-82-5 Aroclor 1260 Aroclor 1016 Aroclor 1221 Aroclor 1232 2672-29-6 1104-28-2 53469-21-9 1097-69-1 2674-11-2 141-16-5 CAS No.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PCB)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

 Laboratory ID :
 19041196-005
 19041196-006
 19041196-007

 Client Sample ID :
 105
 107

 Date Collected :
 04/29/2019 09:30
 04/29/2019 10:30

04/29/2019 11:00 19041196-008 108

|                         |              |               |  | ,,,,,,,       |                  | Call Can                     | 30,000       |         |        |         |         |
|-------------------------|--------------|---------------|--|---------------|------------------|------------------------------|--------------|---------|--------|---------|---------|
|                         |              |               | ,                                      | Construction  | CHOIL WOTKE      | Son Component of             | ponent of    |         |        |         |         |
|                         |              | Residential R | Residential Route Specific   Route Spe | Route Specifi | cific Values for | Groundwater Ingestion        | er Ingestion |         |        |         |         |
|                         |              | Values        | Values for Soil                        | Soil          | į.               | <b>Exposure Route Values</b> | oute Values  |         |        |         |         |
| CAS No.                 | Analyte      | Ingestion     | Inhalation                             | Ingestion     | Inhalation       | Class I                      | Class II     |         |        |         |         |
| 12674-11-2 Aroclor 1016 | Aroctor 1016 | 1             |  | ı             | ı                | i                            | ••           | < 0.095 | < 0.10 | < 0.099 | < 0.098 |
| 11104-28-2 Aroclor 1221 | Vrocior 1221 | 1             | 1                                      | 1             |                  |                              |              | < 0.095 | < 0.10 | < 0.099 | < 0.098 |
| 11141-16-5 Aroclor 1232 | Aroclor 1232 | 1             | i                                      | 1             | i                | 1                            | -            | < 0.095 | < 0.10 | < 0.099 | < 0.098 |
| 53469-21-9 Aroclor 1242 | Aroclor 1242 | 1             |  | 1             | :                |                              |              | < 0.095 | < 0.10 | 660'0>  | < 0.098 |
| 12672-29-6 Aroclor 1248 | Aroclor 1248 | 1             | ı                                      | 1             |                  |                              | ***          | < 0.095 | < 0.10 | 660'0>  | < 0.098 |
| 11097-69-1 Aroclor 1254 | Aroclor 1254 | 1             | 1                                      | 1             | •••              | ***                          |              | < 0.095 | < 0.10 | < 0.099 | < 0.098 |
| 11096-82-5 Aroclor 1260 | Aroclor 1260 | 1             | 1                                      | 1             | i                | -                            |              | < 0.095 | < 0.10 | < 0.099 | < 0.098 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-004 104 04/29/2019 08:30 19041196-003 103 04/29/2019 08:15 19041196-002 102 Laboratory ID: 19041196-001 Client Sample ID: 101 Date Collected: 04/29/2019 08:00

04/29/2019 09:00

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

04/29/2019 11:00 19041196-008 108 04/29/2019 10:30 19041196-007 107 19041196-006 106 04/29/2019 10:00 Laboratory ID: 19041196-005 Client Sample ID: 105 Date Collected: 04/29/2019 09:30

|                          | _                  |                 |                            |           |                   |                       |                       |          |          |          |          |
|--------------------------|--------------------|-----------------|----------------------------|-----------|-------------------|-----------------------|-----------------------|----------|----------|----------|----------|
|                          |                    | Residential R   | Residential Route Specific | Route Sp  | ecific Values for | Groundwater Ingestion | roundwater Ingestion  |          |          |          |          |
|                          |                    | Values for Soil | for Soil                   | Soil      | i i               | Exposure R            | Exposure Route Values |          |          |          |          |
| CAS No.                  | Analyte            | Ingestion       | Inhalation                 | Ingestion | Inhalation        | Class I               | Class II              |          |          |          |          |
| 72-54-8                  | 4,4'-DDD           | 3               | •••                        |           | ••                | 16                    | 08                    | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 72-55-9                  | 4,4'-DDE           | 2               |                            | 370       | i                 | 54                    | 270                   | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 20-53                    | 4,4'-DDT           | 2               | ı                          | 100       | 2,100             | 32                    | 091                   | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 309-00-2                 | Aldrin             | 0.04            | 3                          | 6.1       | 9.3               | 0.5                   | 2.5                   | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 319-84-6                 | alpha-BHC          | 0.1             | 8.0                        | 20        | 2.1               | 0.0005                | 0.003                 | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 5103-71-9                | alpha-Chlordane    |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 319-85-7                 | beta-BHC           |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 57-74-9                  | Chlordane          | 1.8             | 72                         | 100       | 22                | 10                    | 48                    | < 0.019  | < 0.020  | < 0.020  | < 0.020  |
| 319-86-8                 | delta-BHC          |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 60-57-1                  | Dieldrin           | 0.04            | 1                          | 7.8       | 3.1               | 0.004                 | 0.02                  | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8-86-656                 | Endosulfan I       | 470             | -                          | 1,200     | -                 | 18                    | 06                    | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 33213-65-9               | Endosulfan II      | 470             |                            | 1,200     | •                 | 18                    | 06                    | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 1031-07-8                | Endosulfan sulfate |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 72-20-8                  | Endrin             | 23              |                            | 19        |                   | 1                     |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 7421-93-4                | Endrin aldehyde    |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 53494-70-5 Endrin ketone | Endrin ketone      |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 58-89-9                  | gamma-BHC          | 0.5             |                            | 96        | -                 | 0.009                 | 0.047                 | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 5566-34-7                | gamma-Chlordane    |                 |                            |           |                   |                       |                       | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 76-44-8                  | Heptachlor         | 0.1             | 0.1                        | 28        | 91                | 23                    | 110                   | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 1024-57-3                | Heptachlor epoxide | 0.07            | 5                          | 2.7       | 13                | 0.7                   | 3.3                   | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 72-43-5                  | Methoxychlor       | 390             | -                          | 1,000     | 1                 | 160                   | 780                   | < 0.0019 | < 0.0020 | < 0.0020 | < 0.0020 |
| 8001-35-2                | Toxaphene          | 9.0             | 68                         | 011       | 240               | 31                    | 051                   | < 0.039  | < 0.041  | < 0.041  | < 0.040  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

# TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANAL YSIS

19041196-002 102 04/29/2019 08:15 19041196-001 101 Laboratory ID: Client Sample ID:

19041196-003 103 04/29/2019 08:30 04/29/2019 08:00 Date Collected:

|                     |                           | 1          | _                  | _         | _         | $\overline{}$    |           |           |           |                    |                  | _         |         |                |           |                       |                     | _                 | _                |                     |                    |                  |                  |                    |           | $\overline{}$  |
|---------------------|---------------------------|------------|--------------------|-----------|-----------|------------------|-----------|-----------|-----------|--------------------|------------------|-----------|---------|----------------|-----------|-----------------------|---------------------|-------------------|------------------|---------------------|--------------------|------------------|------------------|--------------------|-----------|----------------|
| ٠                   |                           |            | 14000              | < 2.0     | 11        | - 19             | 0.86      | < 0.51    | 57000     | 26                 | 13               | 20        | < 0.31  | 21000          | 8.6       | 27000                 | 400                 | < 0.022           | 35               | 3900                | < 1.0              | < 1.0            | 200              | < 1.0              | 27        | 48             |
|                     |                           |            | 11000              | < 2.1     | 7.1       | 49               | 0.76      | < 0.54    | 90019     | 23                 | 12               | 22        | < 0.31  | 22000          | 13        | 30000                 | 410                 | < 0.021           | 34               | 3000                | <1.1               | <1.1             | 140              | <1.1               | _ 23      | 45             |
|                     |                           |            | 13000              | < 2.2     | 3.1       | 75               | 0.79      | < 0.56    | 63000     | 26                 | 12               | 17        | < 0.31  | 21000          | 6.8       | 28000                 | 430                 | < 0.019           | 33               | 3500                | < 1.1              | < 1.1            | 230              | < 1.1              | 24        | 45             |
| onent of            | r Ingestion               | Class II   |                    |           |           |                  |           |           |           |                    |                  |           |         |                |           |                       |                     |                   |                  |                     |                    |                  |                  |                    |           |                |
| Soil Component of   | Groundwater Ingestion     | Class I    |                    |           |           |                  |           |           |           |                    |                  |           |         |                |           |                       |                     |                   |                  |                     |                    |                  |                  |                    |           |                |
| Construction Worker | Route Specific Values for | Inhalation |                    |           | 25,000    | 870,000          | 44,000    | 29,000    | •         | 069                |                  |           |         | ••             |           | •••                   | 8,700               | 0.1               | 440,000          |                     | •••                | 1                |                  |                    | ***       | 1              |
| Constructi          | Route Specif              | Ingestion  |                    | 82        | 19        | 14,000           | 410       | 200       | 1         | 4,100              | 12,000           | 8,200     | 4,100   |                | 200       | 730,000               | 4,100               | 19                | 4,100            |                     | 1,000              | 1,000            | 1                | 160                | 1,400     | 000'19         |
|                     | ential Route Specific     | Inhalation |                    |           | 05/       | 000,069          | 1,300     | 1,800     | -         | 270                | i                | i         | •••     |                | 1         |                       | 000'69              | 01                | 13,000           |                     |                    |                  | •••              | ***                |           | <br>           |
|                     | Residential Route S       | Ingestion  |                    | 31        | 13.0/11.3 | 5,500            | 160       | 78        | :         | 230                | 4,700            | 2,900     | 1,600   |                | 400       | 325,000               | 1,600               | 23                | 1,600            |                     | 390                | 390              | ***              | 6.3                | 550       | 23,000         |
|                     |                           | Analyte    | Aluminum           | Antimony  | Arsenic   | Barium           | Beryllium | Cadmium   | Calcium   | Chromium           | Cobalt           | Copper    | Cyanide | Iron           | Lead      | Magnesium             | Manganese           | Mercury           | Nickel           | Potassium           | Selenium           | Silver           | Sodium           | Thallium           | Vanadium  | Zinc           |
|                     |                           | CAS No.    | 7429-90-5 Aluminum | 7440-36-0 | 7440-38-2 | 7440-39-3 Barium | 7440-41-7 | 7440-43-9 | 7440-70-2 | 7440-47-3 Chromium | 7440-48-4 Cobalt | 7440-50-8 | 57-12-5 | 7439-89-6 Iron | 7439-92-1 | 7439-95-4   Magnesium | 7439-96-5 Manganese | 7439-97-6 Mercury | 7440-02-0 Nickel | 7440-09-7 Potassium | 7782-49-2 Selenium | 7440-22-4 Silver | 7440-23-5 Sodium | 7440-28-0 Thallium | 7440-62-2 | 7440-66-6 Zinc |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

# TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd.

Project: Franklin (EB-1)

Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-004 19041196-005 19041196-006 Client Sample ID: 104 105 Date Collected: 04/29/2019 09:00 04/29/2019 09:30 04/29/2019 10:00

< 0.023 < 0.55 57000 < 0.32 22000 28000 3500 430 \_ v 160 83 \$ 25 < 0.024 14000 59000 26000 13 30000 < 0.31 < 1.0 × 1.0 0.I × < 0.51 3800 0.98 470 8 56 14 59 39 %|<u>\</u> < 0.023 25000 12 27000 15000 < 0.58 53000 < 0.32 4300 < 1.2 < 1.2 0.97 430 87 14 56 న క 28 Groundwater Ingestion Exposure Route Values Class II Soil Component of Class I Route Specific Values for Inhalation 870,000 Construction Worker 44,000 25,000 59,000 440,000 8,700 9 1 ľ 1 <u>\_</u> i Ingestion 700 730,000 4,100 14,000 12,000 1,000 1,400 4,100 8,200 4,100 4,100 100, 200 99 82 Inhalation Residential Route Specific 690,000 13,000 69,000 1,800 55 1270 1 2 I Values for Soil Ingestion 325,000 13.0/11.3 23,000 5,500 230 2,900 1,600 8 23 400 9 1 88 390 550 6.3 78 Analyte Magnesium Manganese Aluminum Chromium Potassium Vanadium Beryllium /440-36-0 |Antimony Cadmium Selenium Thallium Calcium Cyanide Mercury Copper Sodium Arsenic 7440-39-3 |Barium Nickel Cobalt Silver Zinc Lead Iron 1439-95-4 57-12-5 7439-89-6 7439-97-6 440-09-7 7440-62-2 7440-66-6 440-43-9 440-70-2 440-47-3 440-48-4 440-02-0 440-22-4 7440-23-5 7440-28-0 439-92-1 440-41-7 440-50-8 782-49-2 429-90-5 439-96-5

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

# TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID : Client Sample ID :

19041196-007 19041196-008 107 108 04/29/2019 10:30 04/29/2019 11:00 Date Collected:

|   |                 |                        |              |              |              |              |              |                   |                   |                     |                   |              |           |                |                |             | П           |                   |                  |              |              |              |              |                    |                          | П              |
|---|-----------------|------------------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|---------------------|-------------------|--------------|-----------|----------------|----------------|-------------|-------------|-------------------|------------------|--------------|--------------|--------------|--------------|--------------------|--------------------------|----------------|
|   |                 |                        | 15000        | < 2.1        | 8.0          | 83           | 0.95         | < 0.53            | 00009             | 28                  | 15                | 22           | < 0.31    | 22000          | 12             | 30000       | 440         | < 0.024           | 39               | 4500         | < 1.1        | < 1.1        | 180          | < 1.1              | 29                       | 51             |
|   |                 |                        | 14000        | < 2.2        | 2.6          | 19           | 98.0         | < 0.56            | 61000             | 27                  | 91                | 20           | < 0.31    | 21000          | 12             | 29000       | 430         | < 0.019           | 42               | 4000         | < 1.1        | < 1.1        | 180          | <1.1               | 27                       | 50             |
| Soil Component of<br>Groundwater Ingestion    | outelValues     | ∵-Class Π <sup>−</sup> |              |              |              |              |              |                   |                   |                     |                   |              |           |                |                |             |             |                   |                  |              |              |              |              |                    |                          |                |
| Soil Com<br>Groundwat                         | ExposureR       | —Class I               |              |              |              |              |              |                   |                   |                     |                   |              |           |                |                |             |             |                   |                  |              |              |              |              |                    |                          |                |
| onWorker<br>eValuesfor                        | il              | Inhalation             |              | -            | 25,000       | 870,000      | 44,000       | 29,000            |                   | 069                 | ı                 | +            |           | -              | -              | •••         | 8,700       | 0.1               | 440,000          | ı            | ı            |              |              | i                  |                          | ı              |
| ConstructionWorker<br>RouteSpecificValues for | Soil            | _Ingestion_            |              | 82           | 19           | 14,000       | 410          | 200               | -                 | 4,100               | 12,000            | 8,200        | 4,100     |                | 200            | 730,000     | 4,100       | 61                | 4,100            |              | 1,000        | 1,000        |              | 160                | 1,400                    | 61,000         |
| outeSpecific                                  | or. Soil        | _ Inhalation_          |              |              | 750          | 000'069      | 1,300        | 1,800             | ***               | 270                 | i                 | 1            | •••       | 1              |                | •••         | 000'69      | 10                | 13,000           |              | -            | -            | ***          | į                  |                          | !              |
| Residential Route Specific                    | Values for Soil | Ingestion              |              | 31           | 13.0/11.3    | 5,500        | 160          | 78                | ***               | 230                 | 4,700             | 2,900        | 1,600     |                | 400            | 325,000     | 1,600       | 23                | 1,600            | •••          | 390          | 390          |              | 6.3                | 550                      | 23,000         |
|   |                 | Analyte                | Aluminum     | Antimony     | Arsenic      | Barium       | Beryllium    | dmium             | alcium            | romium              | obalt             | Copper       | Cyanide   | ac             | ad             | Magnesium   | Manganese   | ercury            | ickel            | Potassium    | Selenium     | Silver       | Sodium       | hallium            | Vanadium                 | nc             |
|   |                 | CAS No.                | 7429-90-5 AI | 7440-36-0 Ar | 7440-38-2 Ar | 7440-39-3 Ba | 7440-41-7 Be | 7440-43-9 Cadmium | 7440-70-2 Calcium | 7440-47-3  Chromium | 7440-48-4  Cobalt | 7440-50-8 Cc | 57-12-5 C | 7439-89-6 Iron | 7439-92-1 Lead | 7439-95-4 M | 7439-96-5 M | 7439-97-6 Mercury | 7440-02-0 Nickel | 7440-09-7 Po | 7782-49-2 Se | 7440-22-4 Si | 7440-23-5 So | 7440-28-0 Thallium | 7440-62-2 V <sub>2</sub> | 7440-66-6 Zinc |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

19041196-004 19041196-003 19041196-002 19041196-001 Laboratory ID : Client Sample ID : Date Collected :

04/29/2019 09:00 04/29/2019 08:30 04/29/2019 08:15 04/29/2019 08:00

|                      | •         |                 |               |  |               |                              |             |           |           |           |           |
|----------------------|-----------|-----------------|---------------|--|---------------|------------------------------|-------------|-----------|-----------|-----------|-----------|
|                      |           |                 |               | Construction   | ction Worker  | Soil Component of            | onent of    |           |           |           |           |
|                      |           | Residential Ro  | oute Specific | Residential Route Specific   Route Specific Values for | ic Values for | Groundwater Ingestion        | r Ingestion |           |           |           |           |
|                      |           | Values for Soil | or Soil       | Soil   | lic           | <b>Exposure Route Values</b> | oute Values |           |           |           |           |
| CAS No.              | Analyte   | Ingestion       | Inhalation    | Ingestion  | Inhalation    | Class I                      | Class II    |           |           |           |           |
| 7429-90-5 Aluminum   | Aluminum  |                 |               |  |               |                              |             | < 0.10    | 0.15      | < 0.10    | < 0.10    |
| 7440-36-0 Antimony   | Antimony  |                 |               |  |               | 9000                         | 0.024       | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 Arsenic    | Arsenic   |                 |               |  |               | 0.05                         | 0.2         | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 Barium     | Barium    |                 |               |  |               | 2.0                          | 2.0         | 0.49      | 0.44      | 0.52      | 0.47      |
| 7440-41-7 Beryllium  | Beryllium |                 |               |  |               | 0.004                        | 0.5         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 Cadmium    | Cadmium   |                 |               |  |               | 0.005                        | 0.05        | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 Chromium   | Chromium  |                 |               |  |               | 0.1                          | 1.0         | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 Cobalt     | Cobalt    |                 |               |  |               | 1.0                          | 1.0         | 0.013     | 0.038     | 0.020     | 0.029     |
| 7440-50-8 Copper     | Copper    |                 |               |  |               | 0.65                         | 0.65        | < 0.10    | < 0.10    | < 0.10    | < 0.10    |
| 7439-89-6 Iron       | Iron      |                 |               |  |               | 5.0                          | 5.0         | < 0.25    | 0.78      | < 0.25    | < 0.25    |
| 7439-92-1 Lead       | Lead      |                 |               |  |               | 0.0075                       | 0.1         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7439-96-5 Manganese  | Manganese |                 |               |  |               | 0.15                         | 10.0        | 3:6       | 5:8       | 118       | 3:0       |
| 7439-97-6 Mercury    | Mercury   |                 |               |  |               | 0.002                        | 0.01        | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 Nickel     | Nickel    |                 |               |  |               | 0.1                          | 2.0         | 0.042     | 0.065     | 090.0     | 0.071     |
| 7782-49-2   Selenium | Selenium  |                 |               |  |               | 0.05                         | 0.05        | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 Silver     | Silver    |                 |               |  |               | 0.05                         |             | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0  Thallium  | Thallium  |                 |               |  |               | 0.002                        | 0.02        | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2   Vanadium | Vanadium  |                 |               |  |               | 0.049                        | 0.1         | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Zinc       | Zinc      |                 |               |  |               | 5.0                          | 10          | < 0.050   | < 0.050   | < 0.050   | < 0.050   |
|                      |           |                 |               |  |               |                              |             |           |           | -         |           |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

04/29/2019 11:00 19041196-008 108 04/29/2019 10:30 19041196-007 04/29/2019 10:00 19041196-006 04/29/2019 09:30 19041196-005 105 Laboratory ID : Client Sample ID : Date Collected :

|                      |                   |  | Construction Worker | on Worker     | Soil Component of            | ponent of    |           |           |           |                    |
|----------------------|-------------------|--|---------------------|---------------|------------------------------|--------------|-----------|-----------|-----------|--------------------|
|                      | Residen           | Residential Route Specific   Route Specific Values for | Route Specif        | ic Values for | Groundwater Ingestion        | er Ingestion |           |           |           |                    |
|                      | Na Va             | Values for Soil  | Soil                | ii            | <b>Exposure Route Values</b> | oute Values  |           |           |           |                    |
| CAS No. Ana          | Analyte Ingestion | ion Inhalation   | Ingestion           | Inhalation    | Class I                      | Class II     |           |           |           |                    |
| 7429-90-5 Aluminum   | 1                 |  |                     |               |                              |              | < 0.10    | < 0.10    | < 0.10    | < 0.10             |
| 7440-36-0 Antimony   |                   |  |                     |               | 900'0                        | 0.024        | < 0.015   | < 0.015   | < 0.015   | < 0.015            |
| 7440-38-2 Arsenic    |                   |  |                     |               | 0.05                         | 0.2          | < 0.010   | < 0.010   | < 0.010   | < 0.010            |
| 7440-39-3 Barium     |                   |  |                     |               | 2.0                          | 2.0          | 0.54      | 0.51      | 24.0      | 0.55               |
| 7440-41-7 Beryllium  |                   |  |                     |               | 0.004                        | 0.5          | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050           |
| 7440-43-9  Cadmium   |                   |  |                     |               | 0.005                        | 0.05         | < 0.0050  | < 0.0050  | 0500'0>   | < 0.0050           |
| 7440-47-3   Chromium | _                 |  |                     |               | 0.1                          | 1.0          | < 0.010   | < 0.010   | < 0.010   | < 0.010            |
| 7440-48-4 Cobalt     |                   |  |                     |               | 1.0                          | 1.0          | 0.020     | 0.022     | 0.013     | 910'0              |
| 7440-50-8 Copper     |                   |  |                     |               | 0.65                         | 0.65         | < 0.10    | < 0.10    | < 0.10    | < 0.10             |
| 7439-89-6 Iron       |                   |  |                     |               | 5.0                          | 5.0          | < 0.25    | < 0.25    | < 0.25    | < 0.25             |
| 7439-92-1 Lead       |                   |  |                     |               | 0.0075                       | 0.1          | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050           |
| 7439-96-5 Manganese  | 9                 |  |                     |               | 0.15                         | 10.0         | 8:8       | 2:9       | 3:2 6 6   | $\iota_{i \Omega}$ |
| 7439-97-6 Mercury    |                   |  |                     |               | 0.002                        | 0.01         | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020          |
| 7440-02-0 Nickel     |                   |  |                     |               | 0.1                          | 2.0          | 090.0     | 090'0     | 0.044     | 0.048              |
| 7782-49-2 Selenium   |                   | , ,  |                     |               | 0.05                         | 0.05         | < 0.010   | < 0.010   | < 0.010   | < 0.010            |
| 7440-22-4 Silver     |                   |  |                     |               | 0.05                         |              | < 0.010   | < 0.010   | < 0.010   | 010.0>             |
| 7440-28-0 Thallium   |                   |  |                     |               | 0.002                        | 0.02         | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050           |
| 7440-62-2 Vanadium   |                   |  |                     |               | 0.049                        | 0.1          | < 0.010   | < 0.010   | 010'0>    | < 0.010            |
| 7440-66-6 Zinc       |                   |  |                     |               | 5.0                          | 10           | < 0.050   | < 0.050   | < 0.050   | < 0.050            |
|                      |                   |  |                     |               |                              |              |           |           |           |                    |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A. Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

04/29/2019 09:30 19041196-005 pH = 7.9204/29/2019 09:00 19041196-004 pH = 7.9404/29/2019 08:30 19041196-003 pH = 7.9204/29/2019 08:15 19041196-002 pH = 7.9304/29/2019 08:00 19041196-001 19.7 = 1.91Date Collected: Laboratory ID : Client Sample ID :

|   |            |                       | 14000    | < 2.0    | 6.4       | 94      | 86:0      | < 0.51  | 29000   | 26       | 14            | 29      | < 0.31  | 26000         | 13    | 30000     | 470           | < 0.024 | 39     | 3800      | < 1.0    | < 1.0  | 170    | < 1.0    | 28            | 51      |
|---|------------|-----------------------|----------|----------|-----------|---------|-----------|---------|---------|----------|---------------|---------|---------|---------------|-------|-----------|---------------|---------|--------|-----------|----------|--------|--------|----------|---------------|---------|
|   |            |                       | 15000    | < 2.3    | 4.8       | 87      | 26.0      | < 0.58  | 23000   | 28       | 14            | 26      | < 0.32  | 25000         | 12    | 27000     | 430           | < 0.023 | 37     | 4300      | < 1.2    | < 1.2  | 170    | < 1.2    | 29            | 99      |
|   |            |                       | 14000    | < 2.0    | 11        | 19      | 0.86      | < 0.51  | 57000   | 26       | 13            | 20      | < 0.31  | 21000         | 8.6   | 27000     | 400           | < 0.022 | 35     | 3900      | < 1.0    | < 1.0  | 200    | < 1.0    | 27            | 48      |
|   |            |                       | 11000    | < 2.1    | 7.1       | · 49    | 0.76      | < 0.54  | 61000   | 23       | 12            | 22      | < 0.31  | 22000         | 13    | 30000     | 410           | < 0.021 | 34     | 3000      | <1.1     | < 1.1  | 140    | < 1.1    | 23            | 45      |
|   |            |                       | 13000    | < 2.2    | 3.1       | 75      | 0.79      | < 0.56  | 93000   | 26       | 12            | 17      | < 0.31  | 21000         | 6.8   | 28000     | 430           | < 0.019 | 33     | 3500      | < 1.1    | < 1.1  | 230    | < 1.1    | 24            | 45      |
| Component of tion Route Values                                      | Class II   |                       |          | 20       | 120       | 2,100   | 1,000,000 | 4,300   |         | No Data  | See TCLP/SPLP | 330,000 | 120     | See TCLP/SPLP | 1,420 |           | See TCLP/SPLP | 40      | 76,000 |           | 2.4      |        |        | 38       | See TCLP/SPLP | 110,000 |
| pH Specific Soil Component of<br>Groundwater Ingestion Route Values | Class I    | pH Range 7.75 to 8.24 |          | \$       | 31        | 2,100   | 8,000     | 430     |         | 28       | See TCLP/SPLP | 330,000 | 40      | See TCLP/SPLP | 107   |           | See TCLP/SPLP | 8.0     | 3,800  |           | 2.4      | 110    |        | 3.8      | 086           | 53,000  |
| Residential Route Specific<br>Values for Soil                       | Inhalation | pH Rang               |          |          | 150       | 690,000 | 1,300     | 1,800   | •••     | 270      | •••           |         | . •••   |               | i     | •         | *000 / 8,700* | 10/01   | 13,000 |           |          |        |        |          |               | •••     |
| Residential I Values  | Ingestion  | i<br>i                |          | 31       | 13.0/11.3 | 5,500   | 160       | 28      | •••     | 230      | 4,700         | 2,900   | 1,600   |               | 400   | 325,000   | 1,600         | 23      | 1.600  |           | 390      | 390    | •      | 6.3      | 955           | 23,000  |
|   |            | INORG Analyte         | Aluminum | Antimony | Arsenic   | Barium  | Beryllium | Cadmium | Calcium | Chromium | Cobalt        | Copper  | Cyanide | Iron          | Lead  | Magnesium | Manganese     | Mercury | Nickel | Potassium | Selenium | Silver | Sodium | Thallium | Vanadium      | Zinc    |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective. Chromium Class I / II objectives based on hexavalent chromium.

• - Construction Worker Inhalation Objective from Appendix B, Table B.

TACO Tier I pH Specific Soil Remediation Objectives - Supplemental Residential Report

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-008 108 19041196-007 107 Laboratory ID: 19041120-20.
Client Sample ID: 106

Date Collected: 04/29/2019 10:00 0

pH = 7.93

04/29/2019 11:00 pH = 8.0704/29/2019 10:30 pH = 8.07

|              | Residential I | Residential Route Specific | pH Specific Soil Component of | l Component of                     |         |         |         |
|--------------|---------------|----------------------------|-------------------------------|------------------------------------|---------|---------|---------|
|              | Values        | Values for Soil            | Groundwater Inge              | Groundwater Ingestion Route Values |         |         |         |
|              | Ingestion     | Inhalation                 | Class I                       | Class II                           |         |         |         |
| NORG Analyte |               | pH Ran                     | pH Range 7.75 to 8.24         |                                    |         |         |         |
| Aluminum     |               |                            |                               |                                    | 13000   | 14000   | 15000   |
| Antimony     | 31            | •••                        | \$                            | 20                                 | < 2.2   | < 2.2   | < 2.1   |
| Arsenic      | 13.0/11.3     | 150                        | 31                            | 120                                | 6.4     | 6.7     | 8.0     |
| Barium       | 5,500         | 000'069                    | 2,100                         | 2,100                              | 83      | 19      | 83      |
| Beryllium    | 160           | 1,300                      | 8,000                         | 1,000,000                          | 0.87    | 98.0    | 0.95    |
| Cadmium      | 28            | 1,800                      | 430                           | 4,300                              | < 0.55  | < 0.56  | < 0.53  |
| Calcium      | -             | •••                        |                               |                                    | 27000   | 61000   | 00009   |
| Chromium     | 230           | 270                        | 28                            | No Data                            | 26      | 27      | 28      |
| Cobalt       | 4,700         | ***                        | See TCLP/SPLP                 | See TCLP/SPLP                      | 15      | 16      | 15      |
| Copper       | 2,900         | •••                        | 330,000                       | 330,000                            | 23      | 20      | 22      |
| Cyanide      | 1,600         | •••                        | 40                            | 120                                | < 0.32  | < 0.31  | < 0.31  |
| Iron         |               | ••                         | See TCLP/SPLP                 | See TCLP/SPLP                      | 22000   | 21000   | 22000   |
| Lead         | 400           |                            | 101                           | 1,420                              | 13      | 12      | 12      |
| Magnesium    | 325,000       | :                          |                               |                                    | 28000   | 29000   | 30000   |
| Manganese    | 1,600         | *000'8' / 000'69           | See TCLP/SPLP                 | See TCLP/SPLP                      | 430     | 430     | 440     |
| Mercury      | 23            | 10 / 0.1*                  | 8.0                           | 40                                 | < 0.023 | < 0.019 | < 0.024 |
| Nickel       | 1,600         | 13,000                     | 3,800                         | 76,000                             | 40      | 42      | 39      |
| Potassium    |               | •••                        |                               |                                    | 3500    | 4000    | 4500    |
| Selenium     | 390           |                            | 2.4                           | 2.4                                | <1.1    | <1.1    | < 1.1   |
| Silver       | 390           | •••                        | 110                           |                                    | <1.1    | <1.1    | <1.1    |
| Sodium       | •••           | •••                        |                               |                                    | 160     | 180     | 180     |
| Thallium     | 6.3           | •••                        | 3.8                           | 38                                 | <1.1    | <1.1    | <1.1    |
| Vanadium     | 550           | •••                        | 086                           | See TCLP/SPLP                      | 25      | 27      | 29      |
| Zinc         | 23,000        | :                          | 53,000                        | 110,000                            | 50      | 20      | 15      |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective. Chromium Class I / II objectives based on hexavalent chromium.
• - Construction Worker Inhalation Objective from Appendix B, Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

19041196-006 106 04/29/2019 10:00 19041196-005 105 04/29/2019 09:30 19041196-004 104 04/29/2019 09:00 04/29/2019 08:30 19041196-003 103 19041196-002 102 04/29/2019 08:15 Date Collected: 04/29/2019 08:00 19041196-001 101 Laboratory ID : Client Sample ID :

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-007 19041196-008 Client Sample ID: 107 108 Date Collected: 04/29/2019 10:30 04/29/2019 11:00

| Analyte Acenaphthene Acenaphthylene Anthracene Benz(a)anthrace Benz(a)anthrace | - dried               | City of | SHOW THE PARTY  |             |         |         |
|--|-----------------------|---------|-----------------|-------------|---------|---------|
|  | Amolyto               | •       | ANTICAL LA NACA |             |         |         |
|  | Alialyte              | Chicago | Within MSA      | Outside MSA |         |         |
| Acenaph<br>Anthrace<br>Benz(a)e<br>Benzo(a                                     | ıthene                | 0.09    | 0.13            | 0.04        | < 0.040 | < 0.041 |
| Anthrace<br>Benz(a)a<br>Benzo(a)   | ıthylene              | 0.03    | 20'0            | 0.04        | < 0.040 | < 0.041 |
| Benz(a)z<br>Benzo(a  | sne                   | 0.25    | 0.40            | 0.14        | < 0.040 | < 0.041 |
| Benzo(a)   | Benz(a)anthracene     | 1.1     | 8.1             | 0.72        | < 0.040 | < 0.041 |
| Donas, L   | )pyrene               | 1.3     | 2.1             | 86.0        | < 0.040 | < 0.041 |
| ממומח  | Benzo(b)fluoranthene  | 1.5     | 2.1             | 0.70        | < 0.040 | < 0.041 |
| Benzo(g  | Benzo(g,h,i)perylene  | 99.0    | 1.7             | 0.84        | < 0.040 | < 0.041 |
| Benzo(k  | Benzo(k)fluoranthene  | 0.99    | 1.7             | 0.63        | < 0.040 | < 0.041 |
| Chrysene   | a                     | 1.2     | 2.7             | 1:1         | < 0.040 | < 0.041 |
| Dibenz(  | Dibenz(a,h)anthracene | 0.20    | 0.42            | 0.15        | < 0.040 | < 0.041 |
| Fluoranthene   | hene                  | 2.7     | 4.1             | P.'         | < 0.040 | < 0.041 |
| Fluorene   |                       | 0.10    | 0.18            | 0.04        | < 0.040 | < 0.041 |
| Indeno(1   | ndeno(1,2,3-cd)pyrene | 98.0    | 1.6             | 0.51        | < 0.040 | < 0.041 |
| Naphthalene  | lene                  | 0.04    | 0.20            | 0.17        | < 0.040 | < 0.041 |
| Phenanthrene   | hrene                 | 1.3     | 2.5             | 66.0        | < 0.040 | < 0.041 |
| Pyrene   |                       | 1.9     | 3.0             | 1.2         | < 0.040 | < 0.041 |
| NORG Aluminum  | m                     |         | 005'6           | 9,200       | 14000   | 15000   |
| Antimony   | lλ                    |         | 4.0             | 3.3         | <2.2    | < 2.1   |
| Arsenic  |                       |         | 13.0            | 11.3        | 6.7     | 8.0     |
| Barium   |                       |         | 011             | 122         | 19      | 83      |
| Beryllium  | u.                    |         | 65.0            | 0.56        | 98.0    | 0.95    |
| Cadmium  | n                     |         | 9.0             | 0.50        | < 0.56  | < 0.53  |
| Calcium  |                       |         | 9,300           | 5,525       | 00019   | 00009   |
| Chromium   | ш                     |         | 16.2            | 13.0        | 27      | 28      |
| Cobalt   |                       |         | 6.8             | 6.8         | 91      | 15      |
| Copper   |                       |         | 9.61            | 12.0        | 20      | 22      |
| Cyanide  |                       |         | 0.51            | 0.50        | < 0.31  | < 0.31  |
| Iron   |                       |         | 15,900          | 15,000      | 21000   | 22000   |
| Lead   |                       |         | 36.0            | 20.9        | 12      | 12      |
| Magnesium  | un                    |         | 4,820           | 2,700       | 29000   | 30000   |
| Manganese  | ese                   |         | 989             | 630         | 430     | 440     |
| Mercury  |                       |         | 90'0            | 0.05        | < 0.019 | < 0.024 |
| Nickel   |                       |         | 0.81            | 13.0        | 42      | 39      |
| Potassium  | E                     |         | 1,268           | 1,100       | 4000    | 4500    |
| Selenium   |                       |         | 0.48            | 0.37        | <1.1    | <1.1    |
| Silver   |                       |         | 0.55            | 0.50        | <1.1    | <1.1    |
| Sodium   |                       |         | 130             | 130.0       | 180     | 180     |
| Thallium   | ı                     |         | 0.32            | 0.42        | < 1.1   | <1.1    |
| Vanadium   | m                     |         | 25.2            | 25.0        | 27      | 29      |
| Zinc   |                       |         | 95.0            | 60.2        | 50      | 51      |

MSA - Metropolitan Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

Project: Franklin (EB-1) Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-001 19041196-002 8:15

| Client Sample ID : | 101              | 102           |
|--------------------|------------------|---------------|
| Date Collected:    | 04/29/2019 08:00 | 04/29/2019 08 |
|                    |                  |               |

|       |            |                            | 1  | ts for Chemicals With<br>bint < 30°C                         |          |          |
|-------|------------|----------------------------|--|--|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.091  | < 0.11   |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0061 | < 0.0074 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0061 | < 0.0074 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0061 | < 0.0074 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.012  | < 0.015  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.091  | < 0.11   |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.061  | < 0.074  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0061 | < 0.0074 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0061 | < 0.0074 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0061 | < 0.0074 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0061 | < 0.0074 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0061 | < 0.0074 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0061 | < 0.0074 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0061 | < 0.0074 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0061 | < 0.0074 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0061 | < 0.0074 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0061 | < 0.0074 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0024 | < 0.0030 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0024 | < 0.0030 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0061 | < 0.0074 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.012  | < 0.015  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0061 | < 0.0074 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0061 | < 0.0074 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0061 | < 0.0074 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0061 | < 0.0074 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0061 | < 0.0074 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0061 | < 0.0074 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0061 | < 0.0074 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0061 | < 0.0074 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.018  | < 0.022  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.041  | < 0.041  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.041  | < 0.041  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | < 0.019  | < 0.021  |

All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table A.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID: 1904

19041196-003

19041196-004

Client Sample ID :

103

104

| Date Collected : | 04/29/2019 08:30 | 04/29/2019 09:00 |
|------------------|------------------|------------------|
|                  |                  |                  |

| CAS No. VOC 67-64-1 71-43-2 75-27-4 | Analyte Acetone Benzene Bromodichloromethane Bromoform | Outdoor Inhalation<br>Exposure Route Value<br>C <sub>sat</sub> (mg/Kg)<br>100,000<br>800 | Soil Component of Groundwater Ingestion Exposure Route C <sub>sat</sub> (mg/Kg) 200,000 |          |          |
|-------------------------------------|--|--|---|----------|----------|
| VOC 67-64-1<br>71-43-2<br>75-27-4   | Acetone<br>Benzene<br>Bromodichloromethane             | 100,000  | <b>5.11</b> ( C C)  |          |          |
| 71-43-2<br>75-27-4                  | Benzene<br>Bromodichloromethane                        | 100,000  | 200,000   |          |          |
| 75-27-4                             | Bromodichloromethane                                   | 800  | 200,000   | < 0.083  | < 0.13   |
|                                     |  |  | 580   | < 0.0055 | < 0.0087 |
|                                     | Bromoform  | 2,800  | 2,000   | < 0.0055 | < 0.0087 |
| 75-25-2                             |  | 2,000  | 1,200   | < 0.0055 | < 0.0087 |
| 74-83-9                             | Bromomethane   | 3,100  | 3,600   | < 0.011  | < 0.017  |
| 78-93-3                             | 2-Butanone   | 25,000   | 45,000  | < 0.083  | < 0.13   |
| 75-15-0                             | Carbon disulfide                                       | 850  | 520   | < 0.055  | < 0.087  |
| 56-23-5                             | Carbon tetrachloride                                   | 1,200  | 560   | < 0.0055 | < 0.0087 |
| 108-90-7                            | Chlorobenzene  | 620  | 290   | < 0.0055 | < 0.0087 |
| 67-66-3                             | Chloroform   | 3,400  | 2,500   | < 0.0055 | < 0.0087 |
| 124-48-1                            | Dibromochloromethane                                   | 1,400  | 890   | < 0.0055 | < 0.0087 |
| 75-34-3                             | 1,1-Dichloroethane                                     | 1,700  | 1,400   | < 0.0055 | < 0.0087 |
| 107-06-2                            | 1,2-Dichloroethane                                     | 1,900  | 2,100   | < 0.0055 | < 0.0087 |
| 75-35-4                             | 1,1-Dichloroethene                                     | 1,400  | 910   | < 0.0055 | < 0.0087 |
| 156-59-2                            | cis-1.2-Dichloroethene                                 | 1,300  | 1,000   | < 0.0055 | < 0.0087 |
| 156-60-5                            | trans-1,2-Dichloroethene                               | 3,000  | 2,100   | < 0.0055 | < 0.0087 |
| 78-87-5                             | 1,2-Dichloropropane                                    | 1,200  | 870   | < 0.0055 | < 0.0087 |
| 10061-01-5                          | cis-1,3-Dichloropropene                                | 1,000  | 850   | < 0.0022 | < 0.0035 |
| 10061-02-6                          | trans-1,3-Dichloropropene                              | 1,000  | 850   | < 0.0022 | < 0.0035 |
| 100-41-4                            | Ethylbenzene   | 350  | 150   | < 0.0055 | < 0.0087 |
| 75-09-2                             | Methylene chloride                                     | 2,500  | 3,000   | < 0.011  | < 0.017  |
| 1634-04-4                           | Methyl tert-butyl ether                                | 8,400  | 11,000  | < 0.0055 | < 0.0087 |
| 100-42-5                            | Styrene  | 630  | 260   | < 0.0055 | < 0.0087 |
| 127-18-4                            | Tetrachloroethene                                      | 800  | 310   | < 0.0055 | < 0.0087 |
| 108-88-3                            | Toluene  | 580  | 290   | < 0.0055 | < 0.0087 |
| 71-55-6                             | 1,1,1-Trichloroethane                                  | 1,300  | 670   | < 0.0055 | < 0.0087 |
| 79-00-5                             | 1,1,2-Trichloroethane                                  | 1,800  | 1,300   | < 0.0055 | < 0.0087 |
| 79-01-6                             | Trichloroethene  | 1,200  | 650   | < 0.0055 | < 0.0087 |
| 75-01-4                             | Vinyl chloride   | 2,600  | 2,900   | < 0.0055 | < 0.0087 |
| 1330-20-7                           | Xylenes, Total   | 280  | 110   | < 0.017  | < 0.026  |
| SVOC 120-82-1                       | 1,2,4-Trichlorobenzene                                 | 340  | 120   | < 0.21   | < 0.22   |
| 95-50-1                             | 1,2-Dichlorobenzene                                    | 560  | 210   | < 0.21   | < 0.22   |
| 105-67-9                            | 2,4-Dimethylphenol                                     | 10,000   | 4,700   | < 0.21   | < 0.22   |
| 95-57-8                             | 2-Chlorophenol   | 10,000   | 7,100   | < 0.21   | < 0.22   |
| 111-44-4                            | Bis(2-chloroethyl)ether                                | 3,000  | 3,900   | < 0.21   | < 0.22   |
| 117-81-7                            | Bis(2-ethylhexyl)phthalate                             | 200  | 68  | < 1.0    | < 1.1    |
| 85-68-7                             | Butyl benzyl phthalate                                 | 1,000  | 340   | < 0.21   | < 0.22   |
| 84-74-2                             | Di-n-butyl phthalate                                   | 2,600  | 880   | < 0.21   | < 0.22   |
| 117-84-0                            | Di-n-octyl phthalate                                   | 16   | 5.2   | < 0.21   | < 0.22   |
| 84-66-2                             | Diethyl phthalate                                      | 2,200  | 920   | < 0.21   | < 0.22   |
| 77-47-4                             | Hexachlorocyclopentadiene                              | 130  | 44  | < 0.21   | < 0.22   |
| 78-59-1                             | Isophorone   | 3,000  | 3,000   | < 0.21   | < 0.22   |
| 621-64-7                            | N-Nitrosodi-n-propylamine                              | 1,900  | 2,300   | < 0.040  | < 0.042  |
| 98-95-3                             | Nitrobenzene   | 710  | 590   | < 0.040  | < 0.042  |
| INORG 7439-97-6                     | Mercury  | 3.1  | N/A   | < 0.022  | < 0.023  |

Project: Franklin (EB-1) Laboratory: STAT ANALYSIS

Laboratory ID: 19041196-005 19041196-006 105 106

Client Sample ID: 04/29/2019 10:00 Date Collected: 04/29/2019 09:30

|       |            |                            |  | ts for Chemicals With<br>pint < 30°C                         |          |          |
|-------|------------|----------------------------|--|--|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.11   | < 0.10   |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0073 | < 0.0070 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0073 | < 0.0070 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0073 | < 0.0070 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.015  | < 0.014  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.11   | < 0.10   |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.073  | < 0.070  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0073 | < 0.0070 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0073 | < 0.0070 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0073 | < 0.0070 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0073 | < 0.0070 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0073 | < 0.0070 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0073 | < 0.0070 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0073 | < 0.0070 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0073 | < 0.0070 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0073 | < 0.0070 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0073 | < 0.0070 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0029 | < 0.0028 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0029 | < 0.0028 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0073 | < 0.0070 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.015  | < 0.014  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0073 | < 0.0070 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0073 | < 0.0070 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0073 | < 0.0070 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0073 | < 0.0070 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0073 | < 0.0070 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0073 | < 0.0070 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0073 | < 0.0070 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0073 | < 0.0070 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.022  | < 0.021  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.040  | < 0.041  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.040  | < 0.041  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | < 0.024  | < 0.023  |

All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table A.

Project: Franklin (EB-1)
Laboratory: STAT ANALYSIS

Laboratory ID:

19041196-007

19041196-008

Client Sample ID :

107

108

Date Collected: 04/29/2019 10:30 04/29/2019 11:00

|       |            |                            | 1  | ts for Chemicals With<br>oint < 30°C                         |          |          |
|-------|------------|----------------------------|--|--|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.19   | < 0.11   |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.013  | < 0.0075 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.013  | < 0.0075 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.013  | < 0.0075 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.025  | < 0.015  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.19   | < 0.11   |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.13   | < 0.075  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.013  | < 0.0075 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.013  | < 0.0075 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.013  | < 0.0075 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.013  | < 0.0075 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.013  | < 0.0075 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.013  | < 0.0075 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.013  | < 0.0075 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.013  | < 0.0075 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.013  | < 0.0075 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.013  | < 0.0075 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0050 | < 0.0030 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0050 | < 0.0030 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.013  | < 0.0075 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.025  | < 0.015  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.013  | < 0.0075 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.013  | < 0.0075 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.013  | < 0.0075 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.013  | < 0.0075 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.013  | < 0.0075 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.013  | < 0.0075 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.013  | < 0.0075 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.013  | < 0.0075 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.038  | < 0.023  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.040  | < 0.041  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.040  | < 0.041  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | < 0.019  | < 0.024  |

|        |              |               | Concentration  | TACO Tier 1 |                        |
|--------|--------------|---------------|----------------|-------------|------------------------|
| Test   | Chemical     | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
|        |              | 101           | 13000          | 9,500       | Within MSA Background  |
|        |              | 102           | 11000          | 9,200       | Outside MSA Background |
|        |              | 103           | 14000          |             |                        |
| INORG  | Aluminum     | 104           | 15000          |             |                        |
| 111010 | Aluininiuiii | 105           | 14000          |             |                        |
|        |              | 106           | 13000          |             |                        |
|        |              | 107           | 14000          |             |                        |
|        |              | 108           | 15000          |             |                        |
|        |              | 101           | 0.79           | 0.59        | Within MSA Background  |
|        |              | 102           | 0.76           | 0.56        | Outside MSA Background |
|        |              | 103           | 0.86           |             |                        |
| NORG   | Beryllium    | 104           | 0.97           |             |                        |
| nvoko  |              | 105           | 0.98           |             |                        |
|        | ļ i          | 106           | 0.87           | l l         |                        |
|        |              | 107           | 0.86           |             |                        |
|        |              | 108           | 0.95           | ļ           |                        |
|        |              | 101           | 63000          | 9,300       | Within MSA Background  |
|        |              | 102           | 61000          | 5,525       | Outside MSA Background |
|        |              | 103           | 57000          |             |                        |
| INORG  | Calcium      | 104           | 53000          |             |                        |
|        |              | 105           | 59000          |             |                        |
|        |              | 106           | 57000          |             |                        |
|        |              | 107           | 61000          |             |                        |
|        |              | 108           | 60000          |             |                        |
| 1      |              | 101           | 26             | 16.2        | Within MSA Background  |
| 1      |              | 102           | 23             | 13.0        | Outside MSA Background |
|        |              | 103           | 26             |             |                        |
| INORG  | Chromium     | 104           | 28             | <b> </b>    |                        |
|        | 1            | 105           | 26             | ]           |                        |
|        |              | 106           | 26             | 1           |                        |
|        |              | 107           | 27             |             |                        |
|        |              | 108           | 28             |             | Wishin MCA Designand   |
|        |              | 101           | 12             | 8.9         | Within MSA Background  |
|        |              | 102           | 12             | 8.9         | Outside MSA Background |
|        |              | 103           | 13<br>14       | 1 1         |                        |
| INORG  | Cobalt       | 104           | 14             |             |                        |
|        |              | 105<br>106    | 15             |             |                        |
|        |              | 107           | 16             |             |                        |
|        |              | 107           | 15             |             |                        |
|        |              | 108           | 17             | 19.6        | Within MSA Background  |
|        |              | 102           | 22             | 12.0        | Outside MSA Background |
|        |              | 102           | 20             | 12.0        | Outside MSA Dackground |
|        |              | 103           | 26             |             |                        |
| INORG  | Copper       | 105           | 29             |             |                        |
|        |              | 105           | 23             |             |                        |
|        |              | 107           | 20             |             |                        |
|        |              | 107           | 20 22          |             |                        |
|        |              | 100           |                | <u> </u>    |                        |

|       |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
| -     |           | 101           | 21000          | 15,900      | Within MSA Background  |
|       |           | 102           | 22000          | 15,000      | Outside MSA Background |
|       |           | 103           | 21000          |             |                        |
| INORG | Iron      | 104           | 25000          |             |                        |
| INORG | l iron    | 105           | 26000          |             |                        |
|       |           | 106           | 22000          |             |                        |
|       |           | 107           | 21000          |             |                        |
|       |           | 108           | 22000          |             |                        |
|       |           | 101           | 28000          | 4,820       | Within MSA Background  |
|       |           | 102           | 30000          | 2,700       | Outside MSA Background |
|       | ŀ         | 103           | 27000          |             |                        |
| INORG | Ma asiu   | 104           | 27000          | 1           |                        |
| INOKO | Magnesium | 105           | 30000          |             |                        |
|       |           | 106           | 28000          |             |                        |
|       |           | 107           | 29000          |             |                        |
|       | 1         | 108           | 30000          |             | . <u></u>              |
|       |           | 101           | 33             | 18.0        | Within MSA Background  |
|       |           | 102           | 34             | 13.0        | Outside MSA Background |
|       |           | 103           | 35             |             | _                      |
| DIODO | N7'-1 -1  | 104           | 37             |             |                        |
| INORG | Nickel    | 105           | 39             |             |                        |
|       |           | 106           | 40             |             |                        |
|       |           | 107           | 42             | 1           |                        |
|       |           | 108           | 39             | 1           |                        |
|       |           | 101           | 3500           | 1,268       | Within MSA Background  |
|       |           | 102           | 3000           | 1,100       | Outside MSA Background |
|       |           | 103           | 3900           | ·           |                        |
| DIODO |           | 104           | 4300           |             |                        |
| INORG | Potassium | 105           | 3800           |             |                        |
|       | 1         | 106           | 3500           |             |                        |
|       |           | 107           | 4000           |             |                        |
|       |           | 108           | 4500           |             |                        |
|       |           | 101           | 230            | 130         | Within MSA Background  |
|       |           | 102           | 140            | 130.0       | Outside MSA Background |
|       |           | 103           | 200            |             |                        |
| BIODO | 0.45      | 104           | 170            |             |                        |
| INORG | Sodium    | 105           | 170            |             |                        |
|       |           | 106           | 160            |             |                        |
|       |           | 107           | 180            |             |                        |
|       |           | 108           | 180            | 1           |                        |
|       |           | 103           | 27             | 25.2        | Within MSA Background  |
|       |           | 104           | 29             | 25.0        | Outside MSA Background |
| INORG | Vanadium  | 105           | 28             | 1           | -                      |
|       |           | 107           | 27             |             |                        |
|       |           | 108           | 29             |             |                        |
|       |           | 101           | 3.6 *          | 0.15        | SCGIR Class I          |
|       |           | 102           | 5.8 *          |             |                        |
|       |           | 103           | 3.1 *          |             |                        |
| TO: 5 | [,,, ]    | 104           | 3.0 *          |             |                        |
| TCLP  | Manganese | 105           | 3.3 *          |             |                        |
|       |           | 106           | 2.9 *          |             |                        |
|       |           | 107           | 3.2 *          |             |                        |
|       |           | 108           | 3.7 *          |             |                        |

|                |                    |               | Concentration  | TACO Tier 1   |  |
|----------------|--------------------|---------------|----------------|---------------|--|
| Test           | Chemical           | Sample Number | Detected (ppm) | RO (mg/Kg)    | Exposure Pathway                             |
| TCLP           | Manganese          | 101           | 3.6 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 102           | 5.8 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 103           | 3.1 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 104           | 3.0 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 105           | 3.3 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 106           | 2.9 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 107           | 3.2 *          | 0.15          | SCGIR Class I                                |
| TCLP           | Manganese          | 108           | 3.7 *          | 0.15          | SCGIR Class I                                |
| INORG          | Aluminum           | 101           | 13000          | 9,500         | Within MSA Background                        |
| INORG          | Beryllium          | 101           | 0.79           | 0.59          | Within MSA Background                        |
| INORG          | Calcium            | 101           | 63000          | 9,300         | Within MSA Background                        |
| INORG          | Chromium           | 101           | 26             | 16.2          | Within MSA Background                        |
| INORG          | Cobalt             | 101           | 12             | 8.9           | Within MSA Background                        |
| INORG          | Iron               | 101           | 21000          | 15,900        | Within MSA Background                        |
| INORG          | Magnesium          | 101           | 28000          | 4,820         | Within MSA Background                        |
| INORG          | Nickel             | 101           | 33             | 18.0          | Within MSA Background                        |
| INORG          | Potassium          | 101           | 3500           | 1,268         | Within MSA Background                        |
| INORG          | Sodium             | 101           | 230            | 130           | Within MSA Background                        |
| INORG          | Aluminum           | 102<br>102    | 11000<br>0.76  | 9,500<br>0.59 | Within MSA Background                        |
| INORG          | Beryllium          |               |                |               | Within MSA Background Within MSA Background  |
| INORG          | Character          | 102           | 61000          | 9,300<br>16.2 | Within MSA Background Within MSA Background  |
| INORG          | Chromium<br>Cobalt | 102           | 23             | 8.9           | Within MSA Background Within MSA Background  |
| INORG<br>INORG | Copper             | 102<br>102    | 12<br>22       | 19.6          | Within MSA Background  Within MSA Background |
| INORG          | Iron               | 102           | 22000          | 15,900        | Within MSA Background                        |
| INORG          | Magnesium          | 102           | 30000          | 4,820         | Within MSA Background                        |
| INORG          | Nickel             | 102           | 34             | 18.0          | Within MSA Background  Within MSA Background |
| INORG          | Potassium          | 102           | 3000           | 1,268         | Within MSA Background                        |
| INORG          | Sodium             | 102           | 140            | 130           | Within MSA Background                        |
| INORG          | Aluminum           | 103           | 14000          | 9,500         | Within MSA Background                        |
| INORG          | Beryllium          | 103           | 0.86           | 0.59          | Within MSA Background                        |
| INORG          | Calcium            | 103           | 57000          | 9,300         | Within MSA Background                        |
| INORG          | Chromium           | 103           | 26             | 16.2          | Within MSA Background                        |
| INORG          | Cobalt             | 103           | 13             | 8.9           | Within MSA Background                        |
| INORG          | Copper             | 103           | 20             | 19.6          | Within MSA Background                        |
| INORG          | Iron               | 103           | 21000          | 15,900        | Within MSA Background                        |
| INORG          | Magnesium          | 103           | 27000          | 4,820         | Within MSA Background                        |
| INORG          | Nickel             | 103           | 35             | 18.0          | Within MSA Background                        |
| INORG          | Potassium          | 103           | 3900           | 1,268         | Within MSA Background                        |
| INORG          | Sodium             | 103           | 200            | 130           | Within MSA Background                        |
| INORG          | Vanadium           | 103           | 27             | 25.2          | Within MSA Background                        |
| INORG          | Aluminum           | 104           | 15000          | 9,500         | Within MSA Background                        |
| INORG          | Beryllium          | 104           | 0.97           | 0.59          | Within MSA Background                        |
| INORG          | Calcium            | 104           | 53000          | 9,300         | Within MSA Background                        |
| INORG          | Chromium           | 104           | 28             | 16.2          | Within MSA Background                        |
| INORG          | Cobalt             | 104           | 14             | 8.9           | Within MSA Background                        |
| INORG          | Copper             | 104           | 26             | 19.6          | Within MSA Background                        |
| INORG          | Iron               | 104           | 25000          | 15,900        | Within MSA Background                        |
| INORG          | Magnesium          | 104           | 27000          | 4,820         | Within MSA Background                        |
| INORG          | Nickel             | 104           | 37             | 18.0          | Within MSA Background                        |
| INORG          | Potassium          | 104           | 4300           | 1,268         | Within MSA Background                        |
| INORG          | Sodium             | 104           | 170            | 130           | Within MSA Background                        |
| INORG          | Vanadium           | 104           | 29             | 25.2          | Within MSA Background                        |
| INORG          | Aluminum           | 105           | 14000          | 9,500         | Within MSA Background                        |
| INORG          | Beryllium          | 105           | 0.98           | 0.59          | Within MSA Background                        |
| INORG          | Calcium            | 105           | 59000          | 9,300         | Within MSA Background                        |
| INORG          | Chromium           | 105           | 26             | 16.2          | Within MSA Background                        |
| INORG          | Cobalt             | 105           | 14             | 8.9           | Within MSA Background                        |

<sup>\* -</sup> result and RO units are mg/L

| Test           | Chemical           | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway                               |
|----------------|--------------------|---------------|------------------------------|---------------------------|--|
| INORG          | Copper             | 105           | 29                           | 19.6                      | Within MSA Background                          |
| INORG          | Iron               | 105           | 26000                        | 15,900                    | Within MSA Background                          |
| INORG          |                    | 105           | 30000                        | 4,820                     | Within MSA Background                          |
| INORG          | Nickel             | 105           | 39                           | 18.0                      | Within MSA Background                          |
| INORG          | Potassium          | 105           | 3800                         | 1,268                     | Within MSA Background                          |
| INORG          | Sodium             | 105           | 170                          | 130                       | Within MSA Background                          |
| INORG          | Vanadium           | 105           | 28                           | 25.2                      | Within MSA Background                          |
| INORG          | Aluminum           | 106           | 13000                        | 9,500                     | Within MSA Background                          |
| INORG          | Beryllium          | 106           | 0.87                         | 0.59                      | Within MSA Background                          |
| INORG          | Calcium            | 106           | 57000                        | 9,300                     | Within MSA Background                          |
| INORG          | Chromium           | 106           | 26                           | 16.2                      | Within MSA Background                          |
| INORG          | Cobalt             | 106           | 15                           | 8.9                       | Within MSA Background                          |
| INORG          | Copper             | 106           | 23                           | 19.6                      | Within MSA Background                          |
| INORG          | Iron               | 106           | 22000                        | 15,900                    | Within MSA Background                          |
| INORG          | Magnesium          | 106           | 28000                        | 4,820                     | Within MSA Background                          |
| INORG          | Nickel             | 106           | 40                           | 18.0                      | Within MSA Background                          |
| INORG          | Potassium          | 106           | 3500                         | 1,268                     | Within MSA Background                          |
| INORG          | Sodium             | 106           | 160                          | 130                       | Within MSA Background                          |
| INORG          | Aluminum           | 107           | 14000                        | 9,500                     | Within MSA Background                          |
| INORG          | Beryllium          | 107           | 0.86                         | 0.59                      | Within MSA Background                          |
| INORG          | Calcium            | 107           | 61000                        | 9,300                     | Within MSA Background                          |
| INORG          | Chromium           | 107           | 27                           | 16.2                      | Within MSA Background                          |
| INORG          | Cobalt             | 107           | 16                           | 8.9                       | Within MSA Background                          |
| INORG          | Copper             | 107           | 20                           | 19.6                      | Within MSA Background                          |
| INORG          | lron               | 107           | 21000                        | 15,900                    | Within MSA Background                          |
| INORG          |                    | 107           | 29000                        | 4,820                     | Within MSA Background                          |
| INORG          | Nickel             | 107           | 42                           | 18.0                      | Within MSA Background                          |
| INORG          | Potassium          | 107           | 4000                         | 1,268                     | Within MSA Background                          |
| INORG          | Sodium             | 107           | 180                          | 130                       | Within MSA Background                          |
| INORG          | Vanadium           | 107           | 27                           | 25.2                      | Within MSA Background                          |
| INORG          | Aluminum           | 108           | 15000                        | 9,500                     | Within MSA Background                          |
| INORG          |                    | 108           | 0.95                         | 0.59                      | Within MSA Background                          |
| INORG          | Calcium            | 108           | 60000                        | 9,300                     | Within MSA Background                          |
| INORG          |                    | 108           | 28                           | 16.2                      | Within MSA Background                          |
| INORG          | Cobalt             | 108           | 15                           | 8.9                       | Within MSA Background                          |
| INORG          | Copper             | 108           | 22                           | 19.6                      | Within MSA Background                          |
| INORG          | Iron               | 108           | 22000                        | 15,900                    | Within MSA Background                          |
| INORG          | Magnesium          | 108           | 30000                        | 4,820                     | Within MSA Background                          |
| INORG          |                    | 108           | 39                           | 18.0                      | Within MSA Background                          |
| INORG          |                    | 108           | 4500                         | 1,268                     | Within MSA Background Within MSA Background    |
| INORG          |                    | 108           | 180                          | 130                       |  |
| INORG          |                    | 108           | 29                           | 25.2                      | Within MSA Background                          |
| INORG          |                    | 101           | 13000<br>0.79                | 9,200                     | Outside MSA Background                         |
| INORG          | Beryllium          | 101           | 63000                        | 0.56<br>5,525             | Outside MSA Background                         |
| INORG          | Chromium           | 101           | 26                           | 13.0                      | Outside MSA Background Outside MSA Background  |
| INORG          | Chromium<br>Cobalt | 101           |                              | 8.9                       | Outside MSA Background Outside MSA Background  |
| INORG          |                    | 101<br>101    | 12<br>17                     | 12.0                      | Outside MSA Background Outside MSA Background  |
| INORG<br>INORG |                    | 101           | 21000                        | 15,000                    | Outside MSA Background Outside MSA Background  |
| INORG          | Iron<br>Magnesium  | 101           | 28000                        | 2,700                     | Outside MSA Background Outside MSA Background  |
| INORG          |                    | 101           | 33                           | 13.0                      | Outside MSA Background Outside MSA Background  |
| INORG          | Potassium          | 101           | 3500                         | 1,100                     | Outside MSA Background                         |
| INORG          |                    | 101           | 230                          | 130.0                     | Outside MSA Background                         |
| INORG          | Aluminum           | 102           | 11000                        | 9,200                     | Outside MSA Background  Outside MSA Background |
| INORG          | Beryllium          | 102           | 0.76                         | 0.56                      | Outside MSA Background                         |
| INORG          | Calcium            | 102           | 61000                        | 5,525                     | Outside MSA Background                         |
| INORG          | Chromium           | 102           | 23                           | 13.0                      | Outside MSA Background                         |
| INORG          | Cobalt             | 102           | 12                           | 8.9                       | Outside MSA Background                         |
|                | Cobait             | 102           | 12                           | 0.7                       | Outside MOA Dackground                         |

<sup>\* -</sup> result and RO units are mg/L

| _     |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
| INORG | Copper    | 102           | 22             | 12.0        | Outside MSA Background |
| INORG | Iron      | 102           | 22000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | 102           | 30000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 102           | 34             | 13.0        | Outside MSA Background |
| INORG | Potassium | 102           | 3000           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 102           | 140            | 130.0       | Outside MSA Background |
| INORG | Aluminum  | 103           | 14000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 103           | 0.86           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 103           | 57000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 103           | 26             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 103           | 13             | 8.9         | Outside MSA Background |
| INORG | Copper    | 103           | 20             | 12.0        | Outside MSA Background |
| INORG | Iron      | 103           | 21000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | 103           | 27000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 103           | 35             | 13.0        | Outside MSA Background |
| INORG | Potassium | 103           | 3900           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 103           | 200            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 103           | 27             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | 104           | 15000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 104           | 0.97           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 104           | 53000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 104           | 28             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 104           | 14             | 8.9         | Outside MSA Background |
| INORG | Соррег    | 104           | 26             | 12.0        | Outside MSA Background |
| INORG | Iron      | 104           | 25000          | 15,000      | Outside MSA Background |
|       | Magnesium | 104           | 27000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 104           | 37             | 13.0        | Outside MSA Background |
| INORG | Potassium | 104           | 4300           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 104           | 170            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 104           | 29             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | 105           | 14000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 105           | 0.98           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 105           | 59000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 105           | 26             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 105           | 14             | 8.9         | Outside MSA Background |
| INORG | Copper    | 105           | 29             | 12.0        | Outside MSA Background |
| INORG | Iron      | 105           | 26000          | 15,000      | Outside MSA Background |
|       | Magnesium | 105           | 30000          | 2,700       | Outside MSA Background |
|       | Nickel    | 105           | 39             | 13.0        | Outside MSA Background |
| INORG | Potassium | 105           | 3800           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 105           | 170            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 105           | 28             | 25.0        | Outside MSA Background |
| INORG |           | 106           | 13000          | 9,200       | Outside MSA Background |
|       | Aluminum  |               |                |             |                        |
| INORG | Beryllium | 106           | 0.87           | 0.56        | Outside MSA Background |
| INORG | Character | 106           | 57000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 106           | 26             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 106           | 15             | 8.9         | Outside MSA Background |
| INORG | Copper    | 106           | 23             | 12.0        | Outside MSA Background |
| INORG | Iron      | 106           | 22000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | 106           | 28000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 106           | 40             | 13.0        | Outside MSA Background |
| INORG | Potassium | 106           | 3500           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 106           | 160            | 130.0       | Outside MSA Background |
| INORG | Aluminum  | 107           | 14000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 107           | 0.86           | 0.56        | Outside MSA Background |
| INORG | Calcium_  | 107           | 61000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 107           | 27             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 107           | 16             | 8.9         | Outside MSA Background |

<sup>\* -</sup> result and RO units are mg/L

#### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

| Test  | Chemical  | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway       |
|-------|-----------|---------------|------------------------------|---------------------------|------------------------|
| INORG | Copper    | 107           | 20                           | 12.0                      | Outside MSA Background |
| INORG | Iron      | 107           | 21000                        | 15,000                    | Outside MSA Background |
| INORG | Magnesium | 107           | 29000                        | 2,700                     | Outside MSA Background |
| INORG | Nickel    | 107           | 42                           | 13.0                      | Outside MSA Background |
| INORG | Potassium | 107           | 4000                         | 1,100                     | Outside MSA Background |
| INORG | Sodium    | 107           | 180                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium  | 107           | 27                           | 25.0                      | Outside MSA Background |
| INORG | Aluminum  | 108           | 15000                        | 9,200                     | Outside MSA Background |
| INORG | Beryllium | 108           | 0.95                         | 0.56                      | Outside MSA Background |
| INORG | Calcium   | 108           | 60000                        | 5,525                     | Outside MSA Background |
| INORG | Chromium  | 108           | 28                           | 13.0                      | Outside MSA Background |
| INORG | Cobalt    | 108           | 15                           | 8.9                       | Outside MSA Background |
| INORG | Copper    | 108           | 22                           | 12.0                      | Outside MSA Background |
| INORG | Iron      | 108           | 22000                        | 15,000                    | Outside MSA Background |
| ĪNORG | Magnesium | 108           | 30000                        | 2,700                     | Outside MSA Background |
| INORG | Nickel    | 108           | 39                           | 13.0                      | Outside MSA Background |
| INORG | Potassium | 108           | 4500                         | 1,100                     | Outside MSA Background |
| INORG | Sodium    | 108           | 180                          | 130.0                     | Outside MSA Background |
| INORG | Vanadium  | 108           | 29                           | 25.0                      | Outside MSA Background |

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Project: Franklin (EB-2)

Laboratory: STAT ANALYSIS

04/30/2019 09:30 19041193-004 112 04/30/2019 09:00 19041193-003 04/30/2019 08:30 19041193-002 110 Laboratory ID: 19041193-001 Client Sample ID: 109 Date Collected: 04/30/2019 08:00

|                           |  |                           | Construction Worker            | on Worker     | Soil Component of                           | ponent of                                      |          |                     |          |          |
|---------------------------|--|---------------------------|--------------------------------|---------------|---|--|----------|---------------------|----------|----------|
|                           | Residential Route Specific Values for Soil | oute Specific<br>for Soil | Route Specific Values for Soil | ic Values for | Groundwater Ingestion Exposure Route Values | Groundwater Ingestion<br>Exposure Route Values |          |                     |          |          |
| Analyte                   | Ingestion                                  | Inhalation                | Ingestion                      | Inhalation    | Class I                                     | Class II                                       |          |                     |          |          |
| Acetone                   | 70,000                                     | 100,000                   |                                | 100,000       | 25  | 25   | < 0.12   | < 0.13              | < 0.092  | < 0.10   |
| Benzene                   | 12   | 8.0                       | 2,300                          | 2.2           | 0.03  | 0.17   | < 0.0082 | 6800'0>             | < 0.0061 | < 0.0066 |
| Bromodichloromethane      | 01   | 3,000                     | 2,000                          | 3,000         | 9.0   | 9.0  | < 0.0082 | < 0.0089            | 1900'0>  | > 0.0066 |
| Bromoform                 | 81   | 53                        | 16,000                         | 140           | 8.0   | 8.0  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| Bromomethane              | 110  | 01                        | 1,000                          | 3.9           | 0.2   | 1.2  | < 0.016  | < 0.018             | < 0.012  | < 0.013  |
| 2-Butanone                |  |                           |                                |               |   |  | < 0.12   | < 0.13              | < 0.092  | < 0.10   |
| Carbon disulfide          | 7,800                                      | 720                       | 20,000                         | 9.0           | 32  | 160  | < 0.082  | < 0.089             | < 0.061  | > 0.066  |
| Carbon tetrachloride      | 5  | 0.3                       | 410                            | 06.0          | 0.07  | 0.33   | < 0.0082 | 6800'0>             | < 0.0061 | < 0.0066 |
| Chlorobenzene             | 1,600                                      | 130                       | 4,100                          | 1.3           | 1   | 6.5  | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| Chloroethane              |  |                           |                                |               |   |  | < 0.016  | < 0.018             | < 0.012  | < 0.013  |
| Chloroform                | <u>001</u>                                 | 0.3                       | 2,000                          | 92.0          | 9.0   | 2.9  | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| Chloromethane             |  |                           |                                |               |   |  | < 0.016  | < 0.018             | < 0.012  | < 0.013  |
| Dibromochloromethane      | 1,600                                      | 1,300                     | 41,000                         | 1,300         | 0.4   | 0.4  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| ,1-Dichloroethane         | 7,800                                      | 1,300                     | 200,000                        | 130           | 23  | 110  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| 1,2-Dichloroethane        | 7  | 0.4                       | 1,400                          | 66'0          | 0.02  | 0.1  | < 0.0082 | 6800'0>             | 1900'0 > | < 0.0066 |
| 1.1-Dichloroethene        | 3,900                                      | 290                       | 10,000                         | 3.0           | 90:0  | 0.3  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| cis-1,2-Dichloroethene    | 780  | 1,200                     | 20,000                         | 1,200         | 0.4   | 1.1  | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| trans-1,2-Dichloroethene  | 1,600                                      | 3,100                     | 41,000                         | 3,100         | 0.7   | 3.4  | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| 1,2-Dichloropropane       | 6  | 15                        | 1,800                          | 0.50          | 0.03  | 0.15   | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| cis-1,3-Dichloropropene   | 9  | 1.1                       | 1,200                          | 0.39          | 0.004                                       | 0.02   | < 0.0033 | < 0.0036            | < 0.0024 | < 0.0027 |
| trans-1,3-Dichloropropene | 9  | 1.1                       | 1,200                          | 0.39          | 0.004                                       | 0.02   | < 0.0033 | < 0.0036            | < 0.0024 | < 0.0027 |
| Ethylbenzene              | 7,800                                      | 400                       | 20,000                         | 85            | 13  | 61   | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| 2-Hexanone                |  |                           |                                |               |   |  | < 0.033  | < 0.036             | < 0.024  | < 0.027  |
| 4-Methyl-2-pentanone      |  |                           |                                |               |   |  | < 0.033  | < 0.036             | < 0.024  | < 0.027  |
| Methylene chloride        | 85   | 13                        | 12,000                         | 34            | 0.02  | 0.2  | < 0.016  | 810 <sup>.</sup> 0> | < 0.012  | < 0.013  |
| Methyl tert-butyl ether   | 780  | 8,800                     | 2,000                          | 140           | 0.32  | 0.32   | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| Styrene                   | 16,000                                     | 1,500                     | 41,000                         | 430           | 4   | 81   | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| 1,2,2-Tetrachloroethane   |  |                           |                                |               |   |  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| Tetrachloroethene         | 12   | 11                        | 2,400                          | 28            | 90:0  | 0.3  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| Toluene                   | 16,000                                     | 650                       | 410,000                        | 42            | 12  | 29   | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| I, I, I-Trichloroethane   |  | 1,200                     | •••                            | 1,200         | 2   | 9.6  | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| I, I, 2-Trichloroethane   | 310  | 1,800                     | 8,200                          | 1,800         | 0.02  | 0.3  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| Trichloroethene           | 58   | 5                         | 1,200                          | 12            | 0.06  | 0.3  | < 0.0082 | < 0.0089            | < 0.0061 | > 0.0066 |
| Vinyl chloride            | 0.46                                       | 0.28                      | 170                            | 1.1           | 0.01  | 0.07   | < 0.0082 | < 0.0089            | < 0.0061 | < 0.0066 |
| Xylenes, Total            | 16,000                                     | 320                       | 41,000                         | 5.6           | 150   | 051  | < 0.025  | < 0.027             | <0.018   | < 0.020  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (VOC)

Project: Franklin (EB-2)

Laboratory: STAT ANALYSIS

04/30/2019 11:30 19041193-008 115 04/30/2019 11:00 19041193-007 114 04/30/2019 10:30 19041193-006 04/30/2019 10:00 19041193-005 Laboratory ID : Client Sample ID : Date Collected:

|            |                           |                 |                            | Construction Worker | on Worker                | Soil Component of     | ponent of    |          |          |          |          |
|------------|---------------------------|-----------------|----------------------------|---------------------|--------------------------|-----------------------|--------------|----------|----------|----------|----------|
|            |                           | Residential R   | Residential Route Specific | Route Specifi       | oute Specific Values for | Groundwater Ingestion | er Ingestion |          |          |          |          |
| O NO NO    | A Section A               | Values for Soil | lor Soil                   | No.                 | Jakolotica<br>Jakolotica | Exposure Route Values | oute Values  |          |          |          |          |
| 67-64-1    | Acetone                   | 70.000          | 100.000                    | Ingesuon            | 100,000                  | 25                    | 25           | < 0.22   | < 0.095  | < 0.21   | < 0.11   |
| 71-43-2    | Benzene                   | 12              | 8.0                        | 2,300               | 2.2                      | 0.03                  | 0.17         | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 75-27-4    | Bromodichloromethane      | 10              | 3,000                      | 2,000               | 3,000                    | 9.0                   | 9.0          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 75-25-2    | Bromoform                 | 81              | 53                         | 16,000              | 140                      | 8.0                   | 8.0          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 74-83-9    | Bromomethane              | 110             | 10                         | 1,000               | 3.9                      | 0.2                   | . 1.2        | < 0.029  | < 0.013  | < 0.028  | < 0.015  |
| 78-93-3    | 2-Butanone                |                 |                            |                     |                          |                       |              | < 0.22   | < 0.095  | < 0.21   | < 0.11   |
| 75-15-0    | Carbon disulfide          | 7,800           | 720                        | 20,000              | 0.6                      | 32                    | 091          | < 0.14   | < 0.064  | < 0.14   | < 0.073  |
| 56-23-5    | Carbon tetrachloride      | - 8             | 0.3                        | 410                 | 06'0                     | 0.07                  | 0.33         | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 108-90-7   | Chlorobenzene             | 1,600           | 130                        | 4,100               | 1.3                      | -                     | 6.5          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 75-00-3    | Chloroethane              |                 |                            |                     |                          |                       |              | < 0.029  | < 0.013  | < 0.028  | < 0.015  |
| 67-66-3    | Chloroform                | 100             | 6.0                        | 2,000               | 92.0                     | 9.0                   | 2.9          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 74-87-3    | Chloromethane             |                 |                            |                     |                          |                       |              | < 0.029  | < 0.013  | < 0.028  | < 0.015  |
| 124-48-1   | Dibromochloromethane      | 1,600           | 1,300                      | 41,000              | 1,300                    | 0.4                   | 0.4          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 75-34-3    | 1,1-Dichloroethane        | 7,800           | 1,300                      | 200,000             | 130                      | 23                    | 011          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 107-06-2   | 1,2-Dichloroethane        | 7               | 0.4                        | 1,400               | 66.0                     | 0.02                  | 0.1          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 75-35-4    | [1,1-Dichloroethene       | 3,900           | 290                        | 10,000              | 3.0                      | 90:0                  | 0.3          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 156-59-2   | cis-1,2-Dichloroethene    | 780             | 1,200                      | 20,000              | 1,200                    | 0.4                   | 1.1          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 156-60-5   | trans-1,2-Dichloroethene  | 1,600           | 3,100                      | 41,000              | 3,100                    | 0.7                   | 3.4          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 78-87-5    | 1,2-Dichloropropane       | 6               | 51                         | 1,800               | 0.50                     | 0.03                  | 0.15         | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 10061-01-5 | Ť                         | 9               | 1.1                        | 1,200               | 0.39                     | 0.004                 | 0.02         | < 0.0058 | < 0.0025 | < 0.0055 | < 0.0029 |
| 10061-02-6 | trans-1,3-Dichloropropene | 9               | 1.1                        | 1,200               | 0.39                     | 0.004                 | 0.02         | < 0.0058 | < 0.0025 | < 0.0055 | < 0.0029 |
| 100-41-4   | Ethylbenzene              | 7,800           | 400                        | 20,000              | 85                       | 13                    | 61           | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 291-78-6   | 2-Hexanone                |                 |                            |                     |                          |                       |              | < 0.058  | < 0.025  | < 0.055  | < 0.029  |
| 108-10-1   | 4-Methyl-2-pentanone      |                 |                            |                     |                          |                       |              | < 0.058  | < 0.025  | < 0.055  | < 0.029  |
| 75-09-2    | Methylene chloride        | 85              | 13                         | 12,000              | 34                       | 0.02                  | 0.2          | < 0.029  | < 0.013  | < 0.028  | < 0.015  |
| 1634-04-4  | Methyl tert-butyl ether   | 780             | 008'8                      | 2,000               | 140                      | 0.32                  | 0.32         | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 100-42-5   | Styrene                   | 16,000          | 1,500                      | 41,000              | 430                      | 4                     | 81           | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane |                 |                            |                     |                          |                       |              | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 127-18-4   | Tetrachloroethene         | 12              | Ш                          | 2,400               | 28                       | 90:0                  | 0.3          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 108-88-3   | Toluene                   | 16,000          | 959                        | 410,000             | 42                       | 12                    | 29           | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 71-55-6    | 1,1,1-Trichloroethane     | •               | 1,200                      |                     | 1,200                    | 2                     | 9.6          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 79-00-5    | 1,1,2-Trichloroethane     | 310             | 1,800                      | 8,200               | 1,800                    | 0.02                  | 0.3          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 79-01-6    | Trichloroethene           | 58              | 5                          | 1,200               | 12                       | 90.0                  | 0.3          | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 75-01-4    | Vinyl chloride            | 0.46            | 0.28                       | 170                 | 1.1                      | 0.01                  | 0.07         | < 0.014  | < 0.0064 | < 0.014  | < 0.0073 |
| 1330-20-7  | Xylenes, Total            | 16,000          | 320                        | 41,000              | 5.6                      | 150                   | 150          | < 0.043  | < 0.019  | < 0.041  | < 0.022  |
|            |                           |                 |                            |                     |                          |                       |              |          |          |          |          |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

# TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANAL YSIS

 
 19041193-001
 19041193-002
 19041193-003

 109
 110
 111

 04/30/2019 08:00
 04/30/2019 08:30
 04/30/2019 09:00
 Laboratory ID: Client Sample ID: Date Collected: (

|                 |                                 |                   |               | Construction Worker       | on Worker     | Soil Com   | Soil Component of     |         |         |         |
|-----------------|---------------------------------|-------------------|---------------|---------------------------|---------------|------------|-----------------------|---------|---------|---------|
|                 |                                 | Residential Route | oute Specific | Route Specific Values for | ic Values for | Groundwat  | Groundwater Ingestion |         |         |         |
|                 |                                 | Values for S      | for Soil      | Soil                      | ii            | Exposure R | Exposure Route Values |         |         |         |
| CAS No.         | Analyte                         | Ingestion         | Inhalation    | Ingestion                 | Inhalation    | Class I    | Class II              |         |         |         |
| 83-35-9         | Acenaphthene                    | 4,700             |               | 120,000                   |               | 570        | 2,900                 | < 0.041 | < 0.040 | < 0.041 |
| 208-96-8        | 208-96-8 Acenaphthylene         |                   |               |                           |               |            |                       | < 0.041 | < 0.040 | < 0.041 |
| 120-12-7        | 20-12-7 Anthracene              | 23,000            | -             | 610,000                   |               | 12,000     | 29,000                | < 0.041 | < 0.040 | < 0.041 |
| 56-55-3         | 56-55-3 Benz(a)anthracene       | 6.0               | 1             | 170                       | ***           | 2          | 8                     | < 0.041 | < 0.040 | < 0.041 |
| 50-32-8         | 50-32-8 Benzo(a)pyrene          | 0.09              |               | 17                        | ***           | 8          | 82                    | < 0.041 | < 0.040 | < 0.041 |
| 205-99-2        | 205-99-2 Benzo(b)fluoranthene   | 6.0               | i             | 170                       | 1             | 5          | 25                    | < 0.041 | < 0.040 | < 0.041 |
| 191-24-2        | 191-24-2 Benzo(g,h,i)perylene   |                   |               |                           |               |            |                       | < 0.041 | < 0.040 | < 0.041 |
| 207-08-9        | 207-08-9 Benzo(k)fluoranthene   | 6                 | •••           | 1,700                     |               | 49         | 250                   | < 0.041 | < 0.040 | < 0.041 |
| 218-01-9        | 218-01-9 Chrysene               | 88                |               | 17,000                    |               | 160        | 800                   | < 0.041 | < 0.040 | < 0.041 |
| 53-70-3         | 53-70-3 Dibenz(a,h)anthracene   | 60.0              | •             | 11                        | 1             | 2          | 9.2                   | < 0.041 | < 0.040 | < 0.041 |
| 206-44-0        | 206-44-0 Fluoranthene           | 3,100             |               | 82,000                    |               | 4,300      | 21,000                | < 0.041 | < 0.040 | < 0.041 |
| 86-73-7         | 86-73-7 Fluorene                | 3,100             | •••           | 82,000                    | ***           | 995        | 2,800                 | < 0.041 | < 0.040 | < 0.041 |
| 193-39-5        | 193-39-5 Indeno(1,2,3-cd)pyrene | 6.0               |               | 170                       | ***           | 14         | 69                    | < 0.041 | < 0.040 | < 0.041 |
| 91-20-3         | Naphthalene                     | 1,600             | 170           | 4,100                     | 1.8           | 12         | 18                    | < 0.041 | < 0.040 | < 0.041 |
| 85-01-8         | Phenanthrene                    |                   |               |                           |               |            |                       | < 0.041 | < 0.040 | < 0.041 |
| 129-00-0 Pyrene | Pyrene                          | 2,300             |               | 61,000                    |               | 4,200      | 21,000                | < 0.041 | < 0.040 | < 0.041 |
|                 |                                 |                   |               |                           |               |            |                       |         |         |         |

All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-004 19041193-005 19041193-006 Client Sample ID: 112 113 114 Date Collected: 04/30/2019 09:30 04/30/2019 10:30

|                 |                                 |               |                            | Construction Worker       | on Worker     | Soil Com              | Soil Component of     |         |         |         |
|-----------------|---------------------------------|---------------|----------------------------|---------------------------|---------------|-----------------------|-----------------------|---------|---------|---------|
|                 |                                 | Residential R | Residential Route Specific | Route Specific Values for | ic Values for | Groundwater Ingestion | er Ingestion          |         |         |         |
|                 |                                 | Values for Sc | for Soil                   | Soil                      | li            | Exposure R            | Exposure Route Values |         |         |         |
| CAS No.         | Analyte                         | Ingestion     | Inhalation                 | Ingestion                 | Inhalation    | Class I               | Class II              |         |         |         |
| 83-32-9         | 83-32-9 Acenaphthene            | 4,700         | •••                        | 120,000                   | ***           | 270                   | 2,900                 | < 0.041 | < 0.040 | < 0.040 |
| 208-96-8        | 208-96-8 Acenaphthylene         |               |                            |                           |               |                       |                       | < 0.041 | < 0.040 | < 0.040 |
| 120-12-7        | 120-12-7 Anthracene             | 23,000        | •••                        | 000'019                   | •••           | 12,000                | 29,000                | < 0.041 | < 0.040 | < 0.040 |
| 56-55-3         | 56-55-3 Benz(a)anthracene       | 6.0           | •••                        | 170                       |               | 2                     | 8                     | < 0.041 | < 0.040 | < 0.040 |
| 50-32-8         | Benzo(a)pyrene                  | 60.0          | •••                        | 17                        | •             | 8                     | 82                    | < 0.041 | < 0.040 | < 0.040 |
| 205-99-2        | 205-99-2 Benzo(b)fluoranthene   | 6.0           | ***                        | 170                       |               | 5                     | 25                    | < 0.041 | < 0.040 | < 0.040 |
| 191-24-2        | 191-24-2 Benzo(g,h,i)perylene   |               |                            |                           |               |                       |                       | < 0.041 | < 0.040 | < 0.040 |
| 207-08-9        | 207-08-9 Benzo(k)fluoranthene   | 6             | i                          | 1,700                     | •••           | 64                    | 250                   | < 0.041 | < 0.040 | < 0.040 |
| 218-01-9        | 218-01-9 Chrysene               | 88            | •••                        | 17,000                    |               | 091                   | 008                   | < 0.041 | < 0.040 | < 0.040 |
| 53-70-3         | 53-70-3 Dibenz(a,h)anthracene   | 60.0          | •••                        | 11                        | •             | 2                     | 9.7                   | < 0.041 | < 0.040 | < 0.040 |
| 206-44-0        | 206-44-0 Fluoranthene           | 3,100         | •••                        | 82,000                    | •             | 4,300                 | 21,000                | < 0.041 | < 0.040 | < 0.040 |
| 86-73-7         | Fluorene                        | 3,100         | i                          | 82,000                    |               | 999                   | 2,800                 | < 0.041 | < 0.040 | < 0.040 |
| 193-39-5        | 193-39-5 Indeno(1,2,3-cd)pyrene | 6.0           | -                          | 170                       |               | 14                    | 69                    | < 0.041 | < 0.040 | < 0.040 |
| 91-20-3         | 91-20-3 Naphthalene             | 1,600         | 041                        | 4,100                     | 1.8           | 12                    | 81                    | < 0.041 | < 0.040 | < 0.040 |
| 8-10-58         | Phenanthrene                    |               |                            |                           |               |                       |                       | < 0.041 | < 0.040 | < 0.040 |
| 129-00-0 Pyrene | Pyrene                          | 2,300         | I                          | 61,000                    | 1             | 4,200                 | 21,000                | < 0.041 | < 0.040 | < 0.040 |
|                 |                                 |               |                            |                           |               |                       |                       |         |         |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PNA)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANAL YSIS

 Laboratory ID:
 19041193-007
 19041193-008

 Client Sample ID:
 115
 116

 Date Collected:
 04/30/2019 11:30
 04/30/2019 11:30

 19041193-008 116

|                                 |                 |                            | Constructi                | Construction Worker | Soil Com   | Soil Component of     |         |         |
|---------------------------------|-----------------|----------------------------|---------------------------|---------------------|------------|-----------------------|---------|---------|
|                                 | Residential R   | Residential Route Specific | Route Specific Values for | ic Values for       | Groundwat  | Groundwater Ingestion |         |         |
|                                 | Values for Soil | for Soil                   | Soil                      | il                  | Exposure R | Exposure Route Values |         |         |
| CAS No. Analyte                 | Ingestion       | Inhalation                 | Ingestion                 | Inhalation          | Class I    | Class II              |         |         |
| 83-32-9 Acenaphthene            | 4,700           |                            | 120,000                   | •••                 | 570        | 2,900                 | < 0.039 | < 0.039 |
| :08-96-8 Acenaphthylene         |                 |                            |                           |                     |            |                       | < 0.039 | < 0.039 |
| 20-12-7 Anthracene              | 23,000          | •••                        | 610,000                   | •                   | 12,000     | 29,000                | < 0.039 | < 0.039 |
| 56-55-3 Benz(a)anthracene       | 6.0             |                            | 170                       | ***                 | 2          | 8                     | < 0.039 | < 0.039 |
| 50-32-8 Benzo(a)pyrene          | 60.0            | •••                        | 17                        | ***                 | 8          | 82                    | < 0.039 | < 0.039 |
| 205-99-2 Benzo(b)fluoranthene   | 6.0             | •                          | 170                       | ***                 | 5          | 25                    | < 0.039 | < 0.039 |
| 91-24-2 Benzo(g,h,i)perylene    |                 |                            |                           |                     |            |                       | < 0.039 | < 0.039 |
| 207-08-9 Benzo(k)fluoranthene   | 6               | ***                        | 1,700                     |                     | 49         | 250                   | < 0.039 | < 0.039 |
| 18-01-9 Chrysene                | 88              | ***                        | 17,000                    | 444                 | 160        | 008                   | < 0.039 | < 0.039 |
| 53-70-3 Dibenz(a,h)anthracene   | 60.0            | •••                        | 17                        | ***                 | 2          | 972                   | < 0.039 | < 0.039 |
| 206-44-0 Fluoranthene           | 3,100           | 1                          | 82,000                    | ***                 | 4,300      | 21,000                | < 0.039 | < 0.039 |
| 86-73-7 Fluorene                | 3,100           | •••                        | 82,000                    | •                   | 260        | 2,800                 | < 0.039 | < 0.039 |
| 193-39-5 Indeno(1,2,3-cd)pyrene | 0.0             |                            | 170                       |                     | 14         | 69                    | < 0.039 | < 0.039 |
| 91-20-3 Naphthalene             | 1,600           | 170                        | 4,100                     | 1.8                 | 12         | 81                    | < 0.039 | < 0.039 |
| 85-01-8 Phenanthrene            |                 |                            |                           |                     |            |                       | < 0.039 | < 0.039 |
| 129-00-0 Pyrene                 | 2,300           |                            | 61,000                    |                     | 4,200      | 21,000                | < 0.039 | < 0.039 |

All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-001 Client Sample ID: 109 Date Collected: 04/30/2019 08:00

|                    |                               |                |                            | Constructi         | an Wantan     | Soil Com                 |          |                  |
|--------------------|-------------------------------|----------------|----------------------------|--------------------|---------------|--------------------------|----------|------------------|
|                    |                               | Danislandial E | auta Smaaisia              |                    |               |                          |          |                  |
|                    |                               |                | loute Specific<br>for Soil | Koute Specii<br>Se | ic Values for | Groundwate<br>Exposure R |          |                  |
| CAS No.            | Analyte                       | Ingestion      | Inhalation                 | Ingestion          | Inhalation    | Class I                  | Class II |                  |
| 120-82-1           | 1,2,4-Trichlorobenzene        | 780            | 3,200                      | 2,000              | 920           | 5                        | 53       | < 0.21           |
| 95-50-1            | 1.2-Dichlorobenzene           | 7,000          | 560                        | 18,000             | 310           | 17                       | 43       | < 0.21           |
| 541-73-1           | 1.3-Dichlorobenzene           | 7,000          | 300                        | 10,000             | 310           | 17                       | 73       | < 0.21           |
| 106-46-7           | 1,4-Dichlorobenzene           | <del> </del>   | 11,000                     |                    | 340           | 2                        | 11       | < 0.21           |
| 108-60-1           | 2, 2'-oxybis(1-Chloropropane) |                | 11,000                     |                    | 340           |                          | - ''     | < 0.21           |
| 95-95-4            | 2,4,5-Trichlorophenol         | 7,800          |                            | 200,000            |               | 270                      | 1,400    | < 0.21           |
| 88-06-2            | 2,4,6-Trichlorophenol         | 58             | 200                        | 11,000             | 540           | 0.2                      | 0.77     | < 0.21           |
| 120-83-2           | 2,4-Dichlorophenol            | 230            |                            | 610                |               | 1                        | 1        | < 0.21           |
| 105-67-9           | 2,4-Dimethylphenol            | 1,600          |                            | 41,000             |               | 9                        | 9        | < 0.21           |
| 51-28-5            | 2,4-Dinitrophenol             | 160            | •••                        | 410                |               | 0.2                      | 0.2      | < 1.0            |
| 121-14-2           | 2,4-Dinitrotoluene            | 0.9            |                            | 180                |               | 0.0008                   | 0.0008   | < 0.041          |
| 606-20-2           | 2,6-Dinitrotoluene            | 0.9            |                            | 180                |               | 0.0007                   | 0.0007   | < 0.041          |
| 91-58-7            | 2-Chloronaphthalene           |                |                            |                    |               | _                        |          | < 0.21           |
| 95-57-8            | 2-Chlorophenol                | 390            | 53,000                     | 10,000             | 53,000        | 4                        | 4        | < 0.21           |
| 91-57-6            | 2-Methylnaphthalene           |                |                            |                    |               |                          |          | < 0.21           |
| 95-48-7            | 2-Methylphenol                | 3,900          |                            | 100,000            | •••           | 15                       | 15       | < 0.21           |
| 88-74-4            | 2-Nitroaniline                |                |                            |                    |               |                          |          | < 0.21           |
| 88-75-5            | 2-Nitrophenol                 |                |                            |                    |               |                          |          | < 0.21           |
| 91-94-1            | 3,3'-Dichlorobenzidine        | 1              | •••                        | 280                |               | 0.007                    | 0.033    | < 0.21           |
| 99-09-2            | 3-Nitroaniline                |                |                            |                    |               |                          |          | < 0.21           |
| 534-52-1           | 4,6-Dinitro-2-methylphenol    |                |                            |                    |               |                          |          | < 0.41           |
| 101-55-3           | 4-Bromophenyl phenyl ether    |                |                            |                    |               |                          |          | < 0.21           |
| 59-50-7            | 4-Chloro-3-methylphenol       |                |                            |                    |               |                          |          | < 0.41           |
| 106-47-8           | 4-Chloroaniline               | 310            |                            | 820                | •••           | 0.7                      | 0.7      | < 0.21           |
|                    | 4-Chlorophenyl phenyl ether   |                |                            |                    |               |                          |          | < 0.21           |
| 106-44-5           | 4-Methylphenol                |                |                            |                    |               |                          |          | < 0.21           |
| 100-01-6           | 4-Nitroaniline                |                | <u> </u>                   |                    |               |                          |          | < 0.21           |
| 100-02-7           | 4-Nitrophenol Aniline         | -              |                            |                    |               |                          |          | < 0.41<br>< 0.42 |
| 62-53-3<br>92-87-5 | Benzidine                     |                |                            |                    |               |                          |          | < 0.41           |
| 65-85-0            | Benzoic acid                  | 310,000        |                            | 820,000            |               | 400                      | 400      | < 1.0            |
| 100-51-6           | Benzyl alcohol                | 310,000        |                            | 820,000            |               | 400                      | 400      | < 0.21           |
| 111-91-1           | Bis(2-chloroethoxy)methane    |                |                            |                    |               |                          |          | < 0.21           |
| 111-44-4           | Bis(2-chloroethyl)ether       | 0.6            | 0.2                        | 75                 | 0.66          | 0.0004                   | 0.0004   | < 0.21           |
| 117-81-7           | Bis(2-ethylhexyl)phthalate    | 46             | 31,000                     | 4,100              | 31,000        | 3,600                    | 31,000   | < 1.0            |
| 85-68-7            | Butyl benzyl phthalate        | 16,000         | 930                        | 410,000            | 930           | 930                      | 930      | < 0.21           |
| 86-74-8            | Carbazole                     | 32             |                            | 6,200              |               | 0.6                      | 2.8      | < 0.21           |
| 84-74-2            | Di-n-butyl phthalate          | 7,800          | 2,300                      | 200,000            | 2,300         | 2,300                    | 2,300    | < 0.21           |
| 117-84-0           | Di-n-octyl phthalate          | 1,600          | 10,000                     | 4,100              | 10,000        | 10,000                   | 10,000   | < 0.21           |
| 132-64-9           | Dibenzofuran                  | 1              | 1                          | ·                  |               |                          |          | < 0.21           |
| 84-66-2            | Diethyl phthalate             | 63,000         | 2,000                      | 1,000,000          | 2,000         | 470                      | 470      | < 0.21           |
| 131-11-3           | Dimethyl phthalate            |                |                            |                    |               |                          |          | < 0.21           |
| 118-74-1           | Hexachlorobenzene             | 0.4            | 1                          | 78                 | 2.6           | 2                        | 11       | < 0.21           |
| 87-68-3            | Hexachlorobutadiene           |                |                            |                    |               |                          |          | < 0.21           |
| 77-47-4            | Hexachlorocyclopentadiene     | 550            | 10                         | 14,000             | 1.1           | 400                      | 2,200    | < 0.21           |
| 67-72-1            | Hexachloroethane              | 78             |                            | 2,000              |               | 0.5                      | 2.6      | < 0.21           |
| 78-59-1            | Isophorone                    | 15,600         | 4,600                      | 410,000            | 4,600         | 8                        | 8        | < 0.21           |
| 621-64-7           | N-Nitrosodi-n-propylamine     | 0.09           |                            | 18                 |               | 0.00005                  | 0.00005  | < 0.041          |
| 62-75-9            | N-Nitrosodimethylamine        | ļ              | <u> </u>                   |                    |               |                          |          | < 0.21           |
| 86-30-6            | N-Nitrosodiphenylamine        | 130            |                            | 25,000             |               | 1                        | 5.6      | < 0.21           |
| 98-95-3            | Nitrobenzene                  | 39             | 92                         | 1,000              | 9.4           | 0.1                      | 0.1      | < 0.041          |
| 87-86-5            | Pentachlorophenol             | 3              |                            | 520                |               | 0.03                     | 0.14     | < 0.084          |
| 108-95-2           | Phenol                        | 23,000         |                            | 61,000             |               | 100                      | 100      | < 0.21           |
| 110-86-1           | Pyridine                      | <u></u>        | L                          |                    |               |                          |          | < 0.84           |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-002 Client Sample ID: 110 Date Collected: 04/30/2019 08:30

| CACNI    |                               | Residential R | loute Specific |   | on Worker<br>fic Values for |         | ponent of<br>er Ingestion               |         |
|----------|-------------------------------|---------------|----------------|---|-----------------------------|---------|---|---------|
| CACAL    |                               |               | for Soil       | -                                       | oil                         |         | oute Values                             |         |
| CAS No.  | Analyte                       | Ingestion     | Inhalation     | Ingestion                               | Inhalation                  | Class I | Class II                                |         |
| 120-82-1 | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000                                   | 920                         | 5       | 53                                      | < 0.20  |
| 95-50-1  | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000                                  | 310                         | 17      | 43                                      | < 0.20  |
| 541-73-1 | 1,3-Dichlorobenzene           |               |                |   |                             |         |   | < 0.20  |
| 106-46-7 | 1,4-Dichlorobenzene           |               | 11,000         | •••                                     | 340                         | 2       | 11                                      | < 0.20  |
| 108-60-1 | 2, 2'-oxybis(1-Chloropropane) |               |                |   |                             |         |   | < 0.20  |
| 95-95-4  | 2,4,5-Trichlorophenol         | 7,800         | •••            | 200,000                                 |                             | 270     | 1,400                                   | < 0.20  |
| 88-06-2  | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000                                  | 540                         | 0.2     | 0.77                                    | < 0.20  |
| 120-83-2 | 2,4-Dichlorophenol            | 230           |                | 610                                     |                             | 1       | 1                                       | < 0.20  |
| 105-67-9 | 2,4-Dimethylphenol            | 1,600         | •••            | 41,000                                  |                             | 9       | 9                                       | < 0.20  |
| 51-28-5  | 2,4-Dinitrophenol             | 160           | •••            | 410                                     |                             | 0.2     | 0.2                                     | < 1.0   |
| 121-14-2 | 2,4-Dinitrotoluene            | 0.9           | •••            | 180                                     |                             | 0.0008  | 0.0008                                  | < 0.040 |
| 606-20-2 | 2,6-Dinitrotoluene            | 0.9           |                | 180                                     |                             | 0.0007  | 0.0007                                  | < 0.040 |
| 91-58-7  | 2-Chloronaphthalene           |               |                |   |                             |         |   | < 0.20  |
|          | 2-Chlorophenol                | 390           | 53,000         | 10,000                                  | 53,000                      | 4       | 4                                       | < 0.20  |
|          | 2-Methylnaphthalene           |               |                |   |                             |         |   | < 0.20  |
|          | 2-Methylphenol                | 3,900         |                | 100,000                                 |                             | 15      | 15                                      | < 0.20  |
|          | 2-Nitroaniline                |               |                |   |                             |         |   | < 0.20  |
| 88-75-5  | 2-Nitrophenol                 |               |                |   |                             |         |   | < 0.20  |
| 91-94-1  | 3,3'-Dichlorobenzidine        | 1             |                | 280                                     | •••                         | 0.007   | 0.033                                   | < 0.20  |
| 99-09-2  | 3-Nitroaniline                |               |                | -                                       |                             |         |   | < 0.20  |
| 534-52-1 | 4,6-Dinitro-2-methylphenol    |               |                |   |                             |         |   | < 0.40  |
|          | 4-Bromophenyl phenyl ether    |               |                |   |                             |         |   | < 0.20  |
|          | 4-Chloro-3-methylphenol       |               |                |   |                             |         | ·                                       | < 0.40  |
|          | 4-Chloroaniline               | 310           |                | 820                                     |                             | 0.7     | 0.7                                     | < 0.20  |
|          | 4-Chlorophenyl phenyl ether   |               |                |   |                             | ·       |   | < 0.20  |
|          | 4-Methylphenol                |               |                |   |                             |         |   | < 0.20  |
|          | 4-Nitroaniline                |               |                |   |                             |         |   | < 0.20  |
| 100-02-7 | 4-Nitrophenol                 |               |                |   |                             |         |   | < 0.40  |
|          | Aniline                       | i             |                |   |                             |         |   | < 0.40  |
| 92-87-5  | Benzidine                     |               |                |   |                             |         |   | < 0.40  |
|          | Benzoic acid                  | 310,000       |                | 820,000                                 |                             | 400     | 400                                     | < 1.0   |
| 100-51-6 | Benzyl alcohol                |               |                |   |                             | -       |   | < 0.20  |
|          | Bis(2-chloroethoxy)methane    | 1             |                |   |                             |         |   | < 0.20  |
|          | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75                                      | 0.66                        | 0.0004  | 0.0004                                  | < 0.20  |
|          | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100                                   | 31,000                      | 3,600   | 31,000                                  | < 1.0   |
|          | Butyl benzyl phthalate        | 16,000        | 930            | 410,000                                 | 930                         | 930     | 930                                     | < 0.20  |
|          | Carbazole                     | 32            |                | 6,200                                   |                             | 0.6     | 2.8                                     | < 0.20  |
|          | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000                                 | 2,300                       | 2,300   | 2,300                                   | < 0.20  |
|          | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100                                   | 10,000                      | 10,000  | 10,000                                  | < 0.20  |
|          | Dibenzofuran                  |               | , , , , ,      |   |                             |         |   | < 0.20  |
|          | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000                               | 2,000                       | 470     | 470                                     | < 0.20  |
|          | Dimethyl phthalate            | 1             |                | , |                             |         |   | < 0.20  |
|          | Hexachlorobenzene .           | 0.4           | 1              | 78                                      | 2.6                         | 2       | 11                                      | < 0.20  |
|          | Hexachlorobutadiene           |               |                |   |                             |         |   | < 0.20  |
|          | Hexachlorocyclopentadiene     | · 550         | 10             | 14,000                                  | 1.1                         | 400     | 2,200                                   | < 0.20  |
|          | Hexachloroethane              | 78            |                | 2,000                                   |                             | 0.5     | 2.6                                     | < 0.20  |
|          | Isophorone                    | 15,600        | 4,600          | 410,000                                 | 4,600                       | 8       | 8                                       | < 0.20  |
|          | N-Nitrosodi-n-propylamine     | 0.09          |                | 18                                      |                             | 0.00005 | 0.00005                                 | < 0.040 |
|          | N-Nitrosodimethylamine        | V.07          |                | ••                                      |                             | 0.0000  | *************************************** | < 0.20  |
|          | N-Nitrosodiphenylamine        | 130           |                | 25,000                                  |                             | 1       | 5.6                                     | < 0.20  |
|          | Nitrobenzene                  | 39            | 92             | 1,000                                   | 9.4                         | 0.1     | 0.1                                     | < 0.040 |
|          | Pentachlorophenol             | 39            |                | 520                                     |                             | 0.03    | 0.14                                    | < 0.080 |
|          | Phenol                        | 23,000        |                | 61,000                                  |                             | 100     | 100                                     | < 0.20  |
|          | Pyridine                      | 23,000        |                | 01,000                                  | <del></del>                 |         | 100                                     | < 0.80  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-003 Client Sample ID: 111 Date Collected: 04/30/2019 09:00

|          |                               |  |                | Constructi   | on Worker  | Soil Com   | ponent of | Í       |
|----------|-------------------------------|--|----------------|--------------|------------|------------|-----------|---------|
|          |                               | Residential R                                    | loute Specific | Route Specif |            | Groundwat  |           | İ       |
|          |                               | 1  | for Soil       | •            | oil        | Exposure R | ~         | İ       |
| CAS No.  | Analyte                       | Ingestion  | Inhalation     | Ingestion    | Inhalation | Class I    | Class II  |         |
|          | 1,2,4-Trichlorobenzene        | 780  | 3,200          | 2,000        | 920        | 5          | 53        | < 0.21  |
| 95-50-1  | 1,2-Dichlorobenzene           | 7,000  | 560            | 18,000       | 310        | 17         | 43        | < 0.21  |
| 541-73-1 | 1,3-Dichlorobenzene           | 7,000  | 300            | 10,000       | 310        |            |           | < 0.21  |
|          | 1,4-Dichlorobenzene           |  | 11,000         |              | 340        | 2          | 11        | < 0.21  |
| 108-60-1 | 2, 2'-oxybis(1-Chloropropane) |  | 11,000         |              | - 3.0      |            | :-        | < 0.21  |
| 95-95-4  | 2,4,5-Trichlorophenol         | 7,800  |                | 200,000      |            | 270        | 1,400     | < 0.21  |
| 88-06-2  | 2.4.6-Trichlorophenol         | 58   | 200            | 11,000       | 540        | 0.2        | 0.77      | < 0.21  |
| 120-83-2 | 2,4-Dichlorophenol            | 230  |                | 610          |            | 1          | 1         | < 0.21  |
|          | 2,4-Dimethylphenol            | 1,600  |                | 41,000       |            | 9          | 9         | < 0.21  |
| 51-28-5  | 2,4-Dinitrophenol             | 160  |                | 410          |            | 0.2        | 0.2       | < 1.0   |
| 121-14-2 | 2,4-Dinitrotoluene            | 0.9  |                | 180          |            | 0.0008     | 0.0008    | < 0.041 |
| 606-20-2 | 2.6-Dinitrotoluene            | 0.9  |                | 180          | •••        | 0.0007     | 0.0007    | < 0.041 |
| 91-58-7  | 2-Chloronaphthalene           | - <u>*:-</u> -                                   |                |              |            | ******     |           | < 0.21  |
| 95-57-8  | 2-Chlorophenol                | 390  | 53,000         | 10,000       | 53,000     | 4          | 4         | < 0.21  |
| 91-57-6  | 2-Methylnaphthalene           | <del>                                     </del> |                |              |            | -          |           | < 0.21  |
| 95-48-7  | 2-Methylphenol                | 3,900  |                | 100,000      |            | 15         | 15        | < 0.21  |
| 88-74-4  | 2-Nitroaniline                |  |                |              |            |            |           | < 0.21  |
| 88-75-5  | 2-Nitrophenol                 |  |                |              |            |            |           | < 0.21  |
| 91-94-1  | 3,3'-Dichlorobenzidine        | 1  |                | 280          |            | 0.007      | 0.033     | < 0.21  |
| 99-09-2  | 3-Nitroaniline                |  |                |              |            |            |           | < 0.21  |
| 534-52-1 | 4,6-Dinitro-2-methylphenol    |  |                |              |            |            |           | < 0.41  |
| 101-55-3 | 4-Bromophenyl phenyl ether    |  |                |              |            |            |           | < 0.21  |
| 59-50-7  | 4-Chloro-3-methylphenol       |  | · · · · · ·    |              |            |            |           | < 0.41  |
| 106-47-8 | 4-Chloroaniline               | 310  |                | 820          |            | 0.7        | 0.7       | < 0.21  |
|          | 4-Chlorophenyl phenyl ether   |  |                |              |            |            | -         | < 0.21  |
| 106-44-5 | 4-Methylphenol                | <u> </u>   |                |              |            |            |           | < 0.21  |
| 100-01-6 | 4-Nitroaniline                |  |                |              |            |            |           | < 0.21  |
| 100-02-7 | 4-Nitrophenol                 |  |                |              |            |            |           | < 0.41  |
| 62-53-3  | Aniline                       | 1  |                |              |            |            |           | < 0.41  |
| 92-87-5  | Benzidine                     |  |                |              |            |            |           | < 0.41  |
| 65-85-0  | Benzoic acid                  | 310,000  |                | 820,000      |            | 400        | 400       | < 1.0   |
| 100-51-6 | Benzyl alcohol                |  |                |              |            |            |           | < 0.21  |
| 111-91-1 | Bis(2-chloroethoxy)methane    |  |                | -            |            |            |           | < 0.21  |
| 111-44-4 | Bis(2-chloroethyl)ether       | 0.6  | 0.2            | 75           | 0.66       | 0.0004     | 0.0004    | < 0.21  |
| 117-81-7 | Bis(2-ethylhexyl)phthalate    | 46   | 31,000         | 4,100        | 31,000     | 3,600      | 31,000    | < 1.0   |
| 85-68-7  | Butyl benzyl phthalate        | 16,000   | 930            | 410,000      | 930        | 930        | 930       | < 0.21  |
| 86-74-8  | Carbazole                     | 32   |                | 6,200        | •••        | 0.6        | 2.8       | < 0.21  |
| 84-74-2  | Di-n-butyl phthalate          | 7,800  | 2,300          | 200,000      | 2,300      | 2,300      | 2,300     | < 0.21  |
| 117-84-0 | Di-n-octyl phthalate          | 1,600  | 10,000         | 4,100        | 10,000     | 10,000     | 10,000    | < 0.21  |
| 132-64-9 | Dibenzofuran                  |  |                |              |            |            |           | < 0.21  |
| 84-66-2  | Diethyl phthalate             | 63,000   | 2,000          | 1,000,000    | 2,000      | 470        | 470       | < 0.21  |
|          | Dimethyl phthalate            | 1  |                |              |            |            |           | < 0.21  |
| 118-74-1 | Hexachlorobenzene             | 0.4  | 1              | 78           | 2.6        | 2          | _11       | < 0.21  |
| 87-68-3  | Hexachlorobutadiene           |  |                |              |            |            |           | < 0.21  |
| 77-47-4  | Hexachlorocyclopentadiene     | 550  | 10             | 14,000       | 1.1        | 400        | 2,200     | < 0.21  |
| 67-72-1  | Hexachloroethane              | 78   |                | 2,000        |            | 0.5        | 2.6       | < 0.21  |
| 78-59-1  | Isophorone                    | 15,600   | 4,600          | 410,000      | 4,600      | 8          | 8         | < 0.21  |
| 621-64-7 | N-Nitrosodi-n-propylamine     | 0.09   |                | 18           | •••        | 0.00005    | 0.00005   | < 0.041 |
| 62-75-9  | N-Nitrosodimethylamine        |  |                |              |            |            |           | < 0.21  |
| 86-30-6  | N-Nitrosodiphenylamine        | 130  |                | 25,000       | •••        | 1          | 5.6       | < 0.21  |
| 98-95-3  | Nitrobenzene                  | 39   | 92             | 1,000        | 9.4        | 0.1        | 0.1       | < 0.041 |
| 87-86-5  | Pentachlorophenol             | 3  |                | 520          |            | 0.03       | 0.14      | < 0.082 |
| 108-95-2 | Phenol                        | 23,000   |                | 61,000       |            | 100        | 100       | < 0.21  |
| 110-86-1 | Pyridine                      | 1  |                |              |            |            |           | < 0.82  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-004 Client Sample ID: 112 Date Collected: 04/30/2019 09:30

|           |                               |               |                | Constructi   | on Worker  | Soil Com   | nonent of |          |
|-----------|-------------------------------|---------------|----------------|--------------|------------|------------|-----------|----------|
|           |                               | Decidential E | loute Specific | Route Specif |            | Groundwat  |           |          |
|           |                               | li .          | for Soil       |              | oil        | Exposure R |           |          |
| CAS No.   | Analyte                       | Ingestion     | Inhalation     | Ingestion    | Inhalation | Class I    | Class II  |          |
| 120-82-1  | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000        | 920        | 5          | 53        | < 0.21   |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000       | 310        | 17         | 43        | < 0.21   |
| 541-73-1  | 1,3-Dichlorobenzene           | 7,000         | 300            | 10,000       | 5.0        | .,         |           | < 0.21   |
| 106-46-7  | 1.4-Dichlorobenzene           |               | 11,000         |              | 340        | 2          | 11        | < 0.21   |
| 108-60-1  | 2, 2'-oxybis(1-Chloropropane) |               | 11,000         |              | - 5.0      |            |           | < 0.21   |
| 95-95-4   | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000      |            | 270        | 1,400     | < 0.21   |
| 88-06-2   | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000       | 540        | 0.2        | 0.77      | < 0.21   |
| 120-83-2  | 2,4-Dichlorophenol            | 230           |                | 610          |            | 1          | 1         | < 0.21   |
|           | 2,4-Dimethylphenol            | 1,600         |                | 41,000       | •••        | 9          | 9         | < 0.21   |
| 51-28-5   | 2,4-Dinitrophenol             | 160           |                | 410          |            | 0.2        | 0.2       | < 1.0    |
| 121-14-2  | 2,4-Dinitrotoluene            | 0.9           |                | 180          |            | 0.0008     | 0.0008    | < 0.041  |
| 606-20-2  | 2,6-Dinitrotoluene            | 0.9           |                | 180          | •••        | 0.0007     | 0.0007    | < 0.041  |
| 91-58-7   | 2-Chloronaphthalene           |               |                |              |            |            |           | < 0.21   |
| 95-57-8   | 2-Chlorophenol                | 390           | 53,000         | 10,000       | 53,000     | 4.         | 4         | < 0.21   |
| 91-57-6   | 2-Methylnaphthalene           |               |                | ,            |            |            |           | < 0.21   |
| 95-48-7   | 2-Methylphenol                | 3,900         |                | 100,000      | •••        | 15         | 15        | < 0.21   |
| 88-74-4   | 2-Nitroaniline                | 1 .,,,,,      |                |              |            |            |           | < 0.21   |
| 88-75-5   | 2-Nitrophenol                 | 1             |                |              |            |            |           | < 0.21   |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1             | ***            | 280          | •••        | 0.007      | 0.033     | < 0.21   |
| 99-09-2   | 3-Nitroaniline                | 1             |                |              |            |            |           | < 0.21   |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    | 1             |                |              |            |            |           | < 0.41   |
| 101-55-3  | 4-Bromophenyl phenyl ether    |               |                |              |            | _          |           | < 0.21   |
| 59-50-7   | 4-Chloro-3-methylphenol       |               |                | · · · · · ·  |            |            |           | < 0.41   |
| 106-47-8  | 4-Chloroaniline               | 310           |                | 820          |            | 0.7        | 0.7       | < 0.21   |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   | <del> </del>  |                | 1            |            |            |           | < 0.21   |
| 106-44-5  | 4-Methylphenol                |               |                |              |            |            |           | < 0.21   |
| 100-01-6  | 4-Nitroaniline                |               |                |              |            |            |           | < 0.21   |
| 100-02-7  | 4-Nitrophenol                 |               |                |              |            |            |           | < 0.41   |
| 62-53-3   | Aniline                       |               |                |              |            |            |           | < 0.42   |
| 92-87-5   | Benzidine                     |               |                |              |            |            |           | . < 0.41 |
| 65-85-0   | Benzoic acid                  | 310,000       | •••            | 820,000      |            | 400        | 400       | < 1.0    |
| 100-51-6  | Benzyl alcohol                |               |                |              |            |            |           | < 0.21   |
| 111-91-1  | Bis(2-chloroethoxy)methane    |               |                |              |            | , ,        | _         | < 0.21   |
| 111-44-4  | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75           | 0.66       | 0.0004     | 0.0004    | < 0.21   |
| 117-81-7  | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100        | 31,000     | 3,600      | 31,000    | < 1.0    |
| 85-68-7   | Butyl benzyl phthalate        | 16,000        | 930            | 410,000      | 930        | 930        | 930       | < 0.21   |
| 86-74-8   | Carbazole                     | 32            |                | 6,200        | •••        | 0.6        | 2.8       | < 0.21   |
| 84-74-2   | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000      | 2,300      | 2,300      | 2,300     | < 0.21   |
| 117-84-0  | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100        | 10,000     | 10,000     | 10,000    | < 0.21   |
| 132-64-9  | Dibenzofuran                  |               |                |              |            |            |           | < 0.21   |
| 84-66-2   | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000    | 2,000      | 470        | 470       | < 0.21   |
| 131-11-3  | Dimethyl phthalate            |               |                |              |            |            |           | < 0.21   |
| 118-74-1  | Hexachlorobenzene             | 0.4           | 1              | 78           | 2.6        | 2          | 11        | < 0.21   |
| 87-68-3   | Hexachlorobutadiene           |               |                |              |            |            |           | < 0.21   |
| 77-47-4   | Hexachlorocyclopentadiene     | 550           | 10             | 14,000       | 1.1        | 400        | 2,200     | < 0.21   |
| 67-72-1   | Hexachloroethane              | 78            |                | 2,000        |            | 0.5        | 2.6       | < 0.21   |
| 78-59-1   | Isophorone                    | 15,600        | 4,600          | 410,000      | 4,600      | 8          | 8         | < 0.21   |
| 621-64-7  | N-Nitrosodi-n-propylamine     | 0.09          | •••            | 18           | •••        | 0.00005    | 0.00005   | < 0.041  |
| 62-75-9   | N-Nitrosodimethylamine        |               |                | ļ            |            |            |           | < 0.21   |
| 86-30-6   | N-Nitrosodiphenylamine        | 130           |                | 25,000       |            | 1          | 5.6       | < 0.21   |
| 98-95-3   | Nitrobenzene                  | 39            | 92             | 1,000        | 9.4        | 0.1        | 0.1       | < 0.041  |
| 87-86-5   | Pentachlorophenol             | 3             |                | 520          |            | 0.03       | 0.14      | < 0.084  |
| 108-95-2  | Phenol                        | 23,000        | •••            | 61,000       |            | 100        | 100       | < 0.21   |
| 110-86-1  | Pyridine                      | L             | <u> </u>       | l            |            |            |           | < 0.84   |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2) Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-005 Client Sample ID: 113

Date Collected: 04/30/2019 10:00

| Construction Worker   Soil Component of Found Specific Walues for Soil   Soil Component of Exposure Review Flagstion   Injury     |          |          |  |  | Constructi   | on Worker | Soil Com       | popent of   |         |
|--|----------|----------|--|--|--------------|-----------|----------------|-------------|---------|
| Values for Soil   Soil   Exposure Not Values   Included   Includ   |          |          | <br>  Decidential D                              | Loute Specific                                   |              |           |                | •           |         |
| Total   Tota   |          |          |  | •  | •            |           |                |             |         |
|  | OAGNI-   | Amalian  |  |  |              |           |                |             |         |
| 95-59-1   12-Dichlorobenzene   7,000   560   18,000   310   17   43   < 0.21   |          |          |  |  |              |           |                |             | < 0.21  |
|  |          |          |  |  |              |           |                |             |         |
| 106-66-7   1.4 Dichlorobenzene   |          |          | 7,000  | 300  | 18,000       | 310       | 17             | 43          |         |
| 188-69-1   2,2-saybist   C-hipropopane    7,800     200,000     270   1,400   < 0,21   |          |          |  | 11.000   |              | 240       | 2              | 11          |         |
| September   Sept   |          |          |  | 11,000   |              | 340       |                | - 11        |         |
| Section  |          |          | 7 900  |  | 200,000      |           | 270            | 1.400       |         |
| 1  |          |          |  |  |              |           |                |             |         |
| 1.696.75   2.4-Dimethylphenol   1.600  |          |          |  |  |              |           |                |             |         |
|  |          |          |  |  |              |           |                |             |         |
| 1211-14-2   2,4-Dinitrotoluene   |          |          |  |  |              | _         | _              |             |         |
|  |          |          |  | <del></del>                                      |              |           |                |             |         |
| 91-58-7   2-Chloronaphthalene   930   53,000   10,000   53,000   4   4   < 0.21   95-57-8   2-Chlorophenol   390   53,000   10,000   53,000   4   4   < 0.21   95-67-8   2-Chlorophenol   3,900     100,000     15   15   < 0.21   95-68-7   2-Methylphenol   3,900     100,000     15   15   < 0.21   887-75-5   2-Nitrophenol               887-75-5   2-Nitrophenol                     887-75-5   2-Nitrophenol                       887-75-5   2-Nitrophenol   |          |          |  |  |              |           |                |             |         |
| Section   Sect   |          |          | 0.9  |  | 100          |           | 0.0007         | 0.0007      |         |
| 91-57-6   2-Methylphenol   3,900     100,000     15   15   < 0.21  |          |          | 300  | 53,000   | 10.000       | 53,000    | 4              | 4           |         |
| Section   Sect   |          |          | 1 330  | 33,000   | 10,000       | 33,000    | - <del>-</del> | . •         |         |
| 88.74-4   2-Nitrophenol  |          |          | 3 900  |  | 100 000      |           | 15             | 15          |         |
| S8-75-5   2-Nitrophenol  |          |          | 3,500  | <del>                                     </del> | 100,000      |           |                | <del></del> |         |
| 19-94-1   3,3 - Dichlorobenzidine   1  |          |          |  | <del> </del>                                     |              |           |                |             | _       |
| 99-09-2   3-Nitroaniline   |          |          | 1  |  | 280          |           | 0.007          | 0.033       |         |
| 334-52-1   4,6-Dinitro-2-methylphenol  |          |          | <del>' '</del>                                   | <del></del>                                      |              |           | 0.007          | 0.055       |         |
| 101-55-3   4-Bromophenyl phenyl ether  |          |          |  | -  | -            |           |                |             |         |
| Section  |          |          |  |  |              |           |                |             |         |
| 106-47-8   4-Chloroaniline   310     820     0.7   0.7   < 0.21  |          |          |  |  |              |           |                |             |         |
| 1005-72-3   4-Chlorophenyl phenyl ether  |          |          | 310  |  | 820          |           | 0.7            | 0.7         |         |
| 106-44-5   |          |          | - 3.0  |  | - 020        |           | - 0            | <u></u>     |         |
| 100-01-6   4-Nitrophenol   |          |          |  |  |              |           |                |             |         |
|  |          |          | <del></del>                                      |  |              |           |                |             |         |
| Color  |          |          | <del>                                     </del> |  |              |           |                |             |         |
| S2-30-5   Benzidine  |          |          |  |  |              |           |                |             |         |
| Section   Sect   |          |          |  |  | <del>.</del> |           |                |             |         |
| 100-51-6   Benzyl alcohol  |          |          | 310,000  | <del> </del>                                     | 820,000      |           | 400            | 400         |         |
| 111-91-1   Bis(2-chloroethoxy)methane  |          |          | 310,000  |  | 020,000      | _         |                |             |         |
| 111-44-4   Bis(2-chloroethyl)ether   0.6   0.2   75   0.66   0.0004   0.0004   < 0.21     117-81-7   Bis(2-chloroethyl)ether   46   31,000   4,100   31,000   3,600   31,000   < 1.0     85-68-7   Butyl benzyl phthalate   16,000   930   410,000   930   930   930   < 0.21     86-74-8   Carbazole   32     6,200     0.6   2.8   < 0.21     84-74-2   Di-n-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   2,300   < 0.21     117-84-0   Di-n-octyl phthalate   1,600   10,000   4,100   10,000   10,000   10,000   < 0.21     132-64-9   Dibenzofuran   |          |          |  |  |              |           |                |             |         |
| 117-81-7   Bis(2-ethylhexyl)phthalate   46   31,000   4,100   31,000   3,600   31,000   < 1.0  |          |          | 0.6  | 0.2  | 75           | 0.66      | 0.0004         | 0.0004      |         |
| 85-68-7   Butyl benzyl phthalate   16,000   930   410,000   930   930   930   <0.21  |          |          |  |  |              |           |                |             |         |
| Section   Sect   |          |          |  |  |              |           |                |             |         |
| R4-74-2   Di-n-butyl phthalate   7,800   2,300   200,000   2,300   2,300   2,300   < 0.21  |          |          |  |  |              |           |                |             |         |
| 117-84-0   Di-n-octyl phthalate   1,600   10,000   4,100   10,000   10,000   10,000   < 0.21     132-64-9   Dibenzofuran   |          |          |  |  |              |           |                |             |         |
| 132-64-9   Dibenzofuran  |          |          |  |  |              |           |                |             |         |
| Ra-66-2   Diethyl phthalate   63,000   2,000   1,000,000   2,000   470   470   < 0.21  |          |          | 1 .,,,,,,  | 1.5,000  | .,,,,,,,     | ,,,,,,,,  | ,              | ,,,,,,,,    |         |
| 131-11-3   |          |          | 63,000   | 2,000  | 1,000.000    | 2,000     | 470            | 470         |         |
| 118-74-1   |          |          | †  |  |              | _,,,,,    |                |             |         |
| R7-68-3  |          |          | 0.4  | 1  | 78           | 2.6       | 2              | 11          |         |
| 77-47-4         Hexachlorocyclopentadiene         550         10         14,000         1.1         400         2,200         <0.21  |          |          | 1  | <del>                                     </del> | ·            |           |                |             |         |
| 67-72-1         Hexachloroethane         78          2,000          0.5         2.6         < 0.21           78-59-1         Isophorone         15,600         4,600         410,000         4,600         8         8         < 0.21  |          |          | 550  | 10   | 14,000       | 1.1       | 400            | 2,200       |         |
| 78-59-1         Isophorone         15,600         4,600         410,000         4,600         8         8         < 0.21   |          |          |  |  |              |           |                |             |         |
| 621-64-7         N-Nitrosodi-n-propylamine         0.09          18          0.00005         <0.040  |          |          |  |  |              |           |                |             |         |
| 62-75-9         N-Nitrosodimethylamine         < 0.21  |          |          |  |  |              |           |                |             |         |
| 86-30-6         N-Nitrosodiphenylamine         130          25,000          1         5.6         < 0.21           98-95-3         Nitrobenzene         39         92         1,000         9.4         0.1         0.1         < 0.040  |          |          | <del>                                     </del> | †  |              |           |                |             |         |
| 98-95-3         Nitrobenzene         39         92         1,000         9.4         0.1         0.1         < 0.040           87-86-5         Pentachlorophenol         3          520          0.03         0.14         < 0.081   |          |          | 130  |  | 25,000       | •••       | 1              | 5.6         |         |
| 87-86-5         Pentachlorophenol         3          520          0.03         0.14         < 0.081           108-95-2         Phenol         23,000          61,000          100         100         < 0.21   |          |          |  |  |              |           |                |             |         |
| 108-95-2 Phenol 23,000 61,000 100 100 < 0.21   |          |          |  |  |              |           |                |             | < 0.081 |
| 100 70 D   100 |          |          | 4  | <del></del>                                      |              |           |                |             |         |
|  | 110-86-1 | Pyridine | ,,,,,,   | <del>                                     </del> | ,,,,,,,      |           |                |             | < 0.81  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-006 Client Sample ID: 114 Date Collected: 04/30/2019 10:30

|  |   |  |  | Constructi                                       | on Worker  | Soil Com  | ponent of   |         |
|--|---|--|--|--|--|-----------|-------------|---------|
|  |   | Residential B                                    | Route Specific                                   | Route Specif                                     |  | Groundwat |             |         |
|  |   |  | for Soil   | Source Special                                   |  |           | oute Values |         |
| CAS No.                                  | Analyte   | Ingestion  | Inhalation                                       | Ingestion  | Inhalation                                       | Class I   | Class II    |         |
| 120-82-1                                 | 1,2,4-Trichlorobenzene                              | 780  | 3,200  | 2,000  | 920  | 5         | 53          | < 0.21  |
|  | 1.2-Dichlorobenzene                                 | 7,000  | 560  | 18.000   | 310  | 17        | 43          | < 0.21  |
| 95-50-1<br>541-73-1                      | 1.3-Dichlorobenzene                                 | 7,000  | 360  | 18,000   | - 310  | 17        | 43          | < 0.21  |
|  |   | <u> </u>   | 11,000   |  | 340  | 2         | 11          | < 0.21  |
| 106-46-7                                 | 1,4-Dichlorobenzene                                 |  | 11,000   |  | 340  | 2         | 11          | < 0.21  |
| 108-60-1                                 | 2, 2'-oxybis(1-Chloropropane) 2,4,5-Trichlorophenol | 7,800  |  | 200,000  |  | 270       | 1,400       | < 0.21  |
| 95-95-4<br>88-06-2                       | 2.4.5-1 richlorophenol                              | 58   | 200  | 11,000   | 540  | 0.2       | 0.77        | < 0.21  |
|  | 2,4-Dichlorophenol                                  | 230  |  | 610  |  | 1         | 1           | < 0.21  |
| 120-83-2<br>105-67-9                     | 2,4-Dimethylphenol                                  | 1,600  |  | 41,000   |  | 9         | 9           | < 0.21  |
| 51-28-5                                  | 2,4-Dinitrophenol                                   | 160  |  | 410  |  | 0.2       | 0.2         | < 1.0   |
| 121-14-2                                 | 2,4-Dinitrotoluene                                  | 0.9  |  | 180  |  | 0.0008    | 0.0008      | < 0.040 |
| 606-20-2                                 | 2,6-Dinitrotoluene                                  | 0.9  |  | 180  |  | 0.0007    | 0.0007      | < 0.040 |
| 91-58-7                                  | 2-Chloronaphthalene                                 | 0.9  | <del></del>                                      | 180  |  | 0.0007    | 0.0007      | < 0.21  |
| 95-57-8                                  | 2-Chlorophenol                                      | 390  | 53,000   | 10,000   | 53,000   | 4         | 4           | < 0.21  |
| 91-57-6                                  | 2-Methylnaphthalene                                 | 1 330  | 33,000   | 10,000   | 33,000   | *         | <del></del> | < 0.21  |
| 91-57-6                                  | 2-Methylphenol                                      | 3,900  |  | 100,000  |  | 15        | 15          | < 0.21  |
| <del>95-48-7</del><br><del>88-74-4</del> | 2-Nitroaniline                                      | 3,500  | <del>                                     </del> | 100,000  |  |           | <del></del> | < 0.21  |
| 88-75-5                                  | 2-Nitrophenol                                       | ł  | <del> </del>                                     |  |  |           | · · · ·     | < 0.21  |
| 91-94-1                                  | 3.3'-Dichlorobenzidine                              | 1  |  | 280  |  | 0.007     | 0.033       | < 0.21  |
| 99-09-2                                  | 3-Nitroaniline                                      | <del>                                     </del> |  |  |  | 0.007     | 0.055       | < 0.21  |
| 534-52-1                                 | 4,6-Dinitro-2-methylphenol                          | 1  | -  |  |  |           |             | < 0.40  |
| 101-55-3                                 | 4-Bromophenyl phenyl ether                          | <del> </del>                                     |  |  |  |           |             | < 0.21  |
| 59-50-7                                  | 4-Chloro-3-methylphenol                             |  | <del> </del>                                     |  |  |           |             | < 0.40  |
| 106-47-8                                 | 4-Chloroaniline                                     | 310  |  | 820  |  | 0.7       | 0.7         | < 0.21  |
|  | 4-Chlorophenyl phenyl ether                         | 310  |  | 020  |  | <u> </u>  |             | < 0.21  |
| 106-44-5                                 | 4-Methylphenol                                      |  |  | 1  |  |           |             | < 0.21  |
| 100-01-6                                 | 4-Nitroaniline                                      |  |  |  | -  |           |             | < 0.21  |
| 100-01-0                                 | 4-Nitrophenol                                       |  |  |  |  |           |             | < 0.40  |
| 62-53-3                                  | Aniline   |  |  |  | 7  |           |             | < 0.40  |
| 92-87-5                                  | Benzidine   |  |  |  |  |           |             | < 0.40  |
| 65-85-0                                  | Benzoic acid  | 310,000  |  | 820,000  |  | 400       | 400         | < 1.0   |
| 100-51-6                                 | Benzyl alcohol                                      | 1,   |  |  |  |           |             | < 0.21  |
| 111-91-1                                 | Bis(2-chloroethoxy)methane                          | <del></del>                                      |  | t  |  |           | ~           | < 0.21  |
| 111-44-4                                 | Bis(2-chloroethyl)ether                             | 0.6  | 0.2  | 75   | 0.66   | 0.0004    | 0.0004      | < 0.21  |
| 117-81-7                                 | Bis(2-ethylhexyl)phthalate                          | 46   | 31,000   | 4,100  | 31,000   | 3,600     | 31,000      | < 1.0   |
| 85-68-7                                  | Butyl benzyl phthalate                              | 16,000   | 930  | 410,000  | 930  | 930       | 930         | < 0.21  |
| 86-74-8                                  | Carbazole   | 32   |  | 6,200  |  | 0.6       | 2.8         | < 0.21  |
| 84-74-2                                  | Di-n-butyl phthalate                                | 7,800  | 2,300  | 200,000  | 2,300  | 2,300     | 2,300       | < 0.21  |
| 117-84-0                                 | Di-n-octyl phthalate                                | 1,600  | 10,000   | 4,100  | 10,000   | 10,000    | 10,000      | < 0.21  |
| 132-64-9                                 | Dibenzofuran  | 1,,,,,,  | 1  | <u> </u>   | ,,   | ,,,,,,    | Î           | < 0.21  |
| 84-66-2                                  | Diethyl phthalate                                   | 63,000   | 2,000  | 1,000,000  | 2,000  | 470       | 470         | < 0.21  |
|  | Dimethyl phthalate                                  | ,,,,,,   | _,,,,,   | 1  | T  | ···       | <u> </u>    | < 0.21  |
| 118-74-1                                 | Hexachlorobenzene                                   | 0.4  | 1  | 78   | 2.6  | 2         | 11          | < 0.21  |
| 87-68-3                                  | Hexachlorobutadiene                                 | 1  |  |  |  |           |             | < 0.21  |
| 77-47-4                                  | Hexachlorocyclopentadiene                           | 550  | 10   | 14,000   | 1.1  | 400       | 2,200       | < 0.21  |
| 67-72-1                                  | Hexachloroethane                                    | 78   |  | 2,000  |  | 0.5       | 2.6         | < 0.21  |
| 78-59-1                                  | Isophorone  | 15,600   | 4,600  | 410,000  | 4,600  | 8         | 8           | < 0.21  |
| 621-64-7                                 | N-Nitrosodi-n-propylamine                           | 0.09   |  | 18   |  | 0.00005   | 0.00005     | < 0.040 |
| 62-75-9                                  | N-Nitrosodimethylamine                              | † ****   |  | <del>                                     </del> | <del>                                     </del> |           |             | < 0.21  |
| 86-30-6                                  | N-Nitrosodiphenylamine                              | 130  |  | 25,000   |  | 1         | 5.6         | < 0.21  |
| 98-95-3                                  | Nitrobenzene  | 39   | 92   | 1,000  | 9.4  | 0.1       | 0.1         | < 0.040 |
| 87-86-5                                  | Pentachlorophenol                                   | 3  |  | 520  |  | 0.03      | 0.14        | < 0.081 |
| 108-95-2                                 | Phenol  | 23,000   |  | 61,000   |  | 100       | 100         | < 0.21  |
| 110-86-1                                 | Pyridine  | 1,,,,,   | <del>                                     </del> | 1,   | <del>                                     </del> |           |             | < 0.81  |
| T 10-00-1                                | It Attento  |  |  |  |  | <u> </u>  |             |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-007 Client Sample ID: 115 Date Collected: 04/30/2019 11:00

|           |                               | Γ             |                | Constructi | on Worker     | Soil Com   | popent of     |         |
|-----------|-------------------------------|---------------|----------------|------------|---------------|------------|---------------|---------|
|           |                               | Residential R | Route Specific |            | ic Values for | Groundwat  |               |         |
|           |                               |               | for Soil       |            | oil           | Exposure R |               |         |
| CAS No.   | Analyte                       | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I    | Class II      |         |
| 120-82-1  | 1,2,4-Trichlorobenzene        | 780           | 3,200          | 2,000      | 920           | 5          | 53            | < 0.20  |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000     | 310           | 17         | 43            | < 0.20  |
| 541-73-1  | 1,3-Dichlorobenzene           | 7,000         | - 300          | 10,000     | 3.0           |            | - '-          | < 0.20  |
| 106-46-7  | 1,4-Dichlorobenzene           |               | 11,000         |            | 340           | 2          | 11            | < 0.20  |
| 108-60-1  | 2, 2'-oxybis(1-Chloropropane) |               |                |            |               |            |               | < 0.20  |
| 95-95-4   | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000    |               | 270        | 1,400         | < 0.20  |
| 88-06-2   | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000     | 540           | 0.2        | 0.77          | < 0.20  |
| 120-83-2  | 2,4-Dichlorophenol            | 230           |                | 610        |               | 1          | 1             | < 0.20  |
| 105-67-9  | 2,4-Dimethylphenol            | 1,600         |                | 41,000     |               | 9          | 9             | < 0.20  |
| 51-28-5   | 2,4-Dinitrophenol             | 160           |                | 410        |               | 0.2        | 0.2           | < 0.97  |
| 121-14-2  | 2,4-Dinitrotoluene            | 0.9           |                | 180        | •••           | 0.0008     | 0.0008        | < 0.039 |
| 606-20-2  | 2,6-Dinitrotoluene            | 0.9           | •••            | 180        |               | 0.0007     | 0.0007        | < 0.039 |
| 91-58-7   | 2-Chloronaphthalene           |               |                |            |               |            |               | < 0.20  |
| 95-57-8   | 2-Chlorophenol                | 390           | 53,000         | 10,000     | 53,000        | 4          | . 4           | < 0.20  |
| 91-57-6   | 2-Methylnaphthalene           |               |                |            |               | 1.0        |               | < 0.20  |
| 95-48-7   | 2-Methylphenol                | 3,900         |                | 100,000    |               | 15         | 15            | < 0.20  |
| 88-74-4   | 2-Nitroaniline                | _             |                |            |               |            |               | < 0.20  |
| 88-75-5   | 2-Nitrophenol                 |               |                |            |               |            |               | < 0.20  |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1             | •••            | 280        |               | 0.007      | 0.033         | < 0.20  |
| 99-09-2   | 3-Nitroaniline                |               |                |            |               |            |               | < 0.20  |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    |               |                |            |               |            |               | < 0.39  |
| 101-55-3  | 4-Bromophenyl phenyl ether    |               |                |            |               |            |               | < 0.20  |
| 59-50-7   | 4-Chloro-3-methylphenol       |               |                |            |               |            |               | < 0.39  |
| 106-47-8  | 4-Chloroaniline               | 310           |                | 820        |               | 0.7        | 0.7           | < 0.20  |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |               |                |            |               |            |               | < 0.20  |
| 106-44-5  | 4-Methylphenol                |               |                |            |               |            |               | < 0.20  |
| 100-01-6  | 4-Nitroaniline                |               |                |            |               |            |               | < 0.20  |
| 100-02-7  | 4-Nitrophenol                 |               |                |            |               |            |               | < 0.39  |
| 62-53-3   | Aniline                       |               |                |            |               |            |               | < 0.39  |
| 92-87-5   | Benzidine                     |               |                |            |               |            |               | < 0.39  |
| 65-85-0   | Benzoic acid                  | 310,000       |                | 820,000    |               | 400        | 400           | < 0.97  |
| 100-51-6  | Benzyl alcohol                | <u> </u>      |                |            |               |            |               | < 0.20  |
| 111-91-1  | Bis(2-chloroethoxy)methane    |               |                |            |               |            |               | < 0.20  |
| 111-44-4  | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75         | 0.66          | 0.0004     | 0.0004        | < 0.20  |
| 117-81-7  | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100      | 31,000        | 3,600      | 31,000        | < 0.97  |
| 85-68-7   | Butyl benzyl phthalate        | 16,000        | 930            | 410,000    | 930           | 930        | 930           | < 0.20  |
| 86-74-8   | Carbazole                     | 32            |                | 6,200      |               | 0.6        | 2.8           | < 0.20  |
| 84-74-2   | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000    | 2,300         | 2,300      | 2,300         | < 0.20  |
| 117-84-0  | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100      | 10,000        | 10,000     | 10,000        | < 0.20  |
| 132-64-9  | Dibenzofuran                  | <u> </u>      |                |            |               |            | 153           | < 0.20  |
| 84-66-2   | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000  | 2,000         | 470        | 470           | < 0.20  |
|           | Dimethyl phthalate            | <del></del>   | <u> </u>       |            | l             |            | <del></del> _ | < 0.20  |
| 118-74-1  | Hexachlorobenzene             | 0.4           | 1              | 78         | 2.6           | 2          | 11            | < 0.20  |
| 87-68-3   | Hexachlorobutadiene           | <b>L</b>      | <del></del>    |            |               | 400        |               | < 0.20  |
| 77-47-4   | Hexachlorocyclopentadiene     | 550           | 10             | 14,000     | 1.1           | 400        | 2,200         | < 0.20  |
| 67-72-1   | Hexachloroethane              | 78            |                | 2,000      | 4 (22         | 0.5        | 2.6           | < 0.20  |
| 78-59-1   | Isophorone                    | 15,600        | 4,600          | 410,000    | 4,600         | 8          | 8             | < 0.20  |
| 621-64-7  | N-Nitrosodi-n-propylamine     | 0.09          |                | 18         |               | 0.00005    | 0.00005       | < 0.039 |
| 62-75-9   | N-Nitrosodimethylamine        | ļ             | ļ              |            |               | <u> </u>   |               | < 0.20  |
| 86-30-6   | N-Nitrosodiphenylamine        | 130           |                | 25,000     |               | 1          | 5.6           | < 0.20  |
| 98-95-3   | Nitrobenzene                  | 39            | 92             | 1,000      | 9.4           | 0.1        | 0.1           | < 0.039 |
| 87-86-5   | Pentachlorophenol             | 3             |                | 520        | •••           | 0.03       | 0.14          | < 0.078 |
| 108-95-2  | Phenol                        | 23,000        |                | 61,000     |               | 100        | 100           | < 0.20  |
| 110-86-1  | Pyridine                      | <u> </u>      | 1              |            | l             |            |               | < 0.78  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-008
Client Sample ID: 116
Date Collected: 04/30/2019 11:30

|           |                               |               |                | Constructi | on Worker     | Soil Com  | nonent of   |          |
|-----------|-------------------------------|---------------|----------------|------------|---------------|-----------|-------------|----------|
|           |                               | Residential R | loute Specific |            | ic Values for | Groundwat |             |          |
|           |                               | 1             | for Soil       | Se Se      |               |           | oute Values |          |
| CAS No.   | Analyte                       | Ingestion     | Inhalation     | Ingestion  | Inhalation    | Class I   | Class II    |          |
| 120-82-1  | 1.2.4-Trichlorobenzene        | 780           | 3,200          | 2,000      | 920           | 5         | 53          | < 0.20   |
| 95-50-1   | 1,2-Dichlorobenzene           | 7,000         | 560            | 18,000     | 310           | 17        | 43          | < 0.20   |
| 541-73-1  | 1,3-Dichlorobenzene           | 7,000         |                | 10,000     |               | <u>-</u>  |             | < 0.20   |
| 106-46-7  | 1,4-Dichlorobenzene           |               | 11,000         |            | 340           | 2         | 11          | < 0.20   |
| 108-60-1  | 2, 2'-oxybis(1-Chloropropane) |               | 21,000         |            |               | _         |             | . < 0.20 |
| 95-95-4   | 2,4,5-Trichlorophenol         | 7,800         |                | 200,000    | •••           | 270       | 1,400       | < 0.20   |
| 88-06-2   | 2,4,6-Trichlorophenol         | 58            | 200            | 11,000     | 540           | 0.2       | 0.77        | < 0.20   |
| 120-83-2  | 2,4-Dichlorophenol            | 230           | ***            | 610        |               | 1         | 1           | < 0.20   |
| 105-67-9  | 2,4-Dimethylphenol            | 1,600         |                | 41,000     |               | 9         | 9           | < 0.20   |
| 51-28-5   | 2,4-Dinitrophenol             | 160           |                | 410        |               | 0.2       | 0.2         | < 0.97   |
| 121-14-2  | 2,4-Dinitrotoluene            | 0.9           |                | 180        |               | 0.0008    | 0.0008      | < 0.039  |
| 606-20-2  | 2,6-Dinitrotoluene            | 0.9           |                | 180        |               | 0.0007    | 0.0007      | < 0.039  |
| 91-58-7   | 2-Chloronaphthalene           |               |                |            |               |           |             | < 0.20   |
| 95-57-8   | 2-Chlorophenol                | 390           | 53,000         | 10,000     | 53,000        | 4         | 4           | < 0.20   |
| 91-57-6   | 2-Methylnaphthalene           | 1             | i              |            |               |           |             | < 0.20   |
| 95-48-7   | 2-Methylphenol                | 3,900         |                | 100,000    |               | 15        | 15          | < 0.20   |
| 88-74-4   | 2-Nitroaniline                |               |                |            | ·             |           |             | < 0.20   |
| 88-75-5   | 2-Nitrophenol                 |               |                |            |               |           | ·           | < 0.20   |
| 91-94-1   | 3,3'-Dichlorobenzidine        | 1             | •••            | 280        |               | 0.007     | 0.033       | < 0.20   |
| 99-09-2   | 3-Nitroaniline                |               |                |            |               | ·         |             | < 0.20   |
| 534-52-1  | 4,6-Dinitro-2-methylphenol    |               | Ì              |            |               |           |             | < 0.39   |
| 101-55-3  | 4-Bromophenyl phenyl ether    |               |                |            |               | _         |             | < 0.20   |
| 59-50-7   | 4-Chloro-3-methylphenol       |               |                |            |               |           |             | < 0.39   |
| 106-47-8  | 4-Chloroaniline               | 310           |                | 820        |               | 0.7       | 0.7         | < 0.20   |
| 7005-72-3 | 4-Chlorophenyl phenyl ether   |               |                |            |               |           |             | < 0.20   |
| 106-44-5  | 4-Methylphenol                |               |                |            |               |           |             | < 0.20   |
| 100-01-6  | 4-Nitroaniline                |               |                |            |               | •         |             | < 0.20   |
| 100-02-7  | 4-Nitrophenol                 |               |                |            |               | -         |             | < 0.39   |
| 62-53-3   | Aniline                       |               |                |            |               |           |             | < 0.39   |
| 92-87-5   | Benzidine                     |               |                |            |               |           |             | < 0.39   |
| 65-85-0   | Benzoic acid                  | 310,000       |                | 820,000    |               | 400       | 400         | < 0.97   |
| 100-51-6  | Benzyl alcohol                |               |                |            |               |           |             | < 0.20   |
| 111-91-1  | Bis(2-chloroethoxy)methane    | _             |                |            |               |           |             | < 0.20   |
| 111-44-4  | Bis(2-chloroethyl)ether       | 0.6           | 0.2            | 75         | 0.66          | 0.0004    | 0.0004      | < 0.20   |
| 117-81-7  | Bis(2-ethylhexyl)phthalate    | 46            | 31,000         | 4,100      | 31,000        | 3,600     | 31,000      | < 0.97   |
| 85-68-7   | Butyl benzyl phthalate        | 16,000        | 930            | 410,000    | 930           | 930       | 930         | < 0.20   |
| 86-74-8   | Carbazole                     | 32            | •••            | 6,200      |               | 0.6       | 2.8         | < 0.20   |
| 84-74-2   | Di-n-butyl phthalate          | 7,800         | 2,300          | 200,000    | 2,300         | 2,300     | 2,300       | < 0.20   |
| 117-84-0  | Di-n-octyl phthalate          | 1,600         | 10,000         | 4,100      | 10,000        | 10,000    | 10,000      | < 0.20   |
| 132-64-9  | Dibenzofuran                  |               |                |            |               |           |             | < 0.20   |
| 84-66-2   | Diethyl phthalate             | 63,000        | 2,000          | 1,000,000  | 2,000         | 470       | 470         | < 0.20   |
|           | Dimethyl phthalate            |               |                |            |               |           |             | < 0.20   |
| 118-74-1  | Hexachlorobenzene             | 0.4           | 1              | 78         | 2.6           | 2         | 11          | < 0.20   |
| 87-68-3   | Hexachlorobutadiene           | L             |                |            |               |           |             | < 0.20   |
| 77-47-4   | Hexachlorocyclopentadiene     | 550           | 10             | 14,000     | 1.1           | 400       | 2,200       | < 0.20   |
| 67-72-1   | Hexachloroethane              | 78            | •••            | 2,000      | •••           | 0.5       | 2.6         | < 0.20   |
| 78-59-1   | Isophorone                    | 15,600        | 4,600          | 410,000    | 4,600         | . 8       | . 8         | < 0.20   |
| 621-64-7  | N-Nitrosodi-n-propylamine     | 0.09          | •••            | 18         | •••           | 0.00005   | 0.00005     | < 0.039  |
| 62-75-9   | N-Nitrosodimethylamine        |               |                | <u> </u>   |               |           |             | < 0.20   |
| 86-30-6   | N-Nitrosodiphenylamine        | 130           |                | 25,000     |               | 1         | 5.6         | < 0.20   |
| 98-95-3   | Nitrobenzene                  | 39            | 92             | 1,000      | 9.4           | 0.1       | 0.1         | < 0.039  |
| 87-86-5   | Pentachlorophenol             | 3             | •••            | 520        |               | 0.03      | 0.14        | < 0.079  |
| 108-95-2  | Phenol                        | 23,000        |                | 61,000     |               | 100       | 100         | < 0.20   |
| 110-86-1  | Pyridine                      |               |                | L          |               |           |             | < 0.79   |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

## TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PCB)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

19041193-003 111 19041193-002 110 Laboratory ID: 19041193-001 Client Sample ID: 109 Date Collected: 04/30/2019 08:00

19041193-004

04/30/2019 09:30 04/30/2019 09:00 04/30/2019 08:30

|                           |                |  | Constructio   | uction Worker | Soil Component of     | oonent of             |        |         |         |        |
|---------------------------|----------------|--|---------------|---------------|-----------------------|-----------------------|--------|---------|---------|--------|
|                           | Residential R. | Residential Route Specific   Route Specific Values for | Route Specifi | ic Values for | Groundwater Ingestion | er Ingestion          |        |         |         |        |
|                           | Values         | Values for Soil  | Soil          | <u> </u>      | Exposure R            | Exposure Route Values |        |         |         |        |
| CAS No. Analyte           | Ingestion      | Inhalation   | Ingestion     | Inhalation    | Class I               | Class II              |        |         |         |        |
| 12674-11-2 Aroclor 1016   | ı              |  | 1             | -             | -                     | -                     | < 0.10 | < 0.096 | < 0.099 | < 0.10 |
| 11104-28-2 Aroclor 1221   | 1              | !  | 1             |               |                       | •                     | < 0.10 | > 0.096 | 660'0>  | < 0.10 |
| 11141-16-5 Aroclor 1232   | 1              | -  | 1             | 1             | •••                   | ***                   | < 0.10 | > 0.096 | 660'0>  | < 0.10 |
| 53469-21-9 Aroclor 1242   | 1              |  | -             |               | ·                     | •••                   | < 0.10 | < 0.096 | < 0.099 | < 0.10 |
| 12672-29-6 Aroclor 1248   | 1              | ••   | 1             | i             | :                     | •••                   | < 0.10 | > 0.096 | < 0.099 | < 0.10 |
| 11097-69-1   Aroclor 1254 | 1              | ••   | 1             | •             |                       | ••                    | < 0.10 | > 0.096 | < 0.099 | < 0.10 |
| 11096-82-5 Aroclor 1260   | 1              |  | -             | i             | -                     | ***                   | < 0.10 | > 0.096 | < 0.099 | < 0.10 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.
Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (PCB)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

19041193-008 

 Laboratory ID:
 19041193-005
 19041193-006
 19041193-007

 Client Sample ID:
 113
 114
 115

 Date Collected:
 04/30/2019 10:00
 04/30/2019 11:00
 04/30/2019 11:00

04/30/2019 11:30

|                         |               |  | Construction | action Worker     | Soil Component of     | ponent of    |         |         |         |         |
|-------------------------|---------------|--|--------------|-------------------|-----------------------|--------------|---------|---------|---------|---------|
|                         | Residential I | Residential Route Specific   Route Spe | Route Specif | ecific Values for | Groundwater Ingestion | er Ingestion |         |         |         |         |
|                         | Values        | Values for Soil                        | Soil         | , ii              | Exposure Route Values | oute Values  |         |         |         |         |
| CAS No. Analyte         | Ingestion     | Inhalation                             | Ingestion    | Inhalation        | Class I               | Class II     |         |         |         |         |
| 12674-11-2 Aroctor 1016 | 1             | -                                      | 1            |                   |                       | !            | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
| 11104-28-2 Aroclor 1221 | 1             |  | 1            | •••               |                       |              | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
| 11141-16-5 Aroclor 1232 | 1             |  | 1            | ***               |                       |              | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
| 53469-21-9 Aroclor 1242 | 1             |  | 1            |                   |                       | ı            | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
| 12672-29-6 Aroclor 1248 | 1             |  | 1            | i                 | 1                     | ı            | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
| 11097-69-1 Aroclor 1254 | 1             | 1                                      | ı            |                   |                       | i            | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
| 11096-82-5 Aroclor 1260 |               | -                                      | 1            |                   | 1                     | •            | < 0.098 | < 0.096 | < 0.093 | < 0.095 |
|                         |               |  |              |                   |                       |              |         |         |         |         |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A. Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

04/30/2019 09:00 04/30/2019 09:30 19041193-004 19041193-003 111 Laboratory ID: 19041193-001 19041193-002 Client Sample ID: 109 110 Date Collected: 04/30/2019 08:00 04/30/2019 08:30

|            |                          | Residential Route Sp | Residential Route Specific | Construction Worker Route Specific Values for | cific Values for | Groundwater Ingestion | ponent of<br>er Ingestion |          |          |          |          |
|------------|--------------------------|----------------------|----------------------------|---|------------------|-----------------------|---------------------------|----------|----------|----------|----------|
| CAS No.    | Analyte                  | Ingestion            | Inhalation                 | Ingestion                                     | Inhalation       | Class I               | Class II                  |          |          |          |          |
| 72-54-8    | 4,4'-DDD                 | 3                    | ı                          | 520   | !                | 16                    | 80                        | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 72-55-9    | 4,4'-DDE                 | 2                    |                            | 370   | 1                | 54                    | 270                       | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 50-29-3    | 4,4'-DDT                 | 2                    | •••                        | 100   | 2,100            | 32                    | 091                       | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 309-00-2   | Aldrin                   | 0.04                 | 3                          | 6.1   | 9.3              | 0.5                   | 2.5                       | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 319-84-6   | alpha-BHC                | 0.1                  | 8.0                        | 20  | 2.1              | 0.0005                | 0.003                     | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 5103-71-9  | alpha-Chlordane          |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 319-85-7   | beta-BHC                 |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 57-74-9    | Chlordane                | 1.8                  | 72                         | 100   | 22               | 10                    | 84                        | < 0.020  | < 0.019  | < 0.020  | < 0.020  |
| 319-86-8   | delta-BHC                |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 60-57-1    | Dieldrin                 | 0.04                 | 1                          | 7.8   | 3.1              | 0.004                 | 0.02                      | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 8-86-656   | Endosulfan I             | 470                  | -                          | 1,200   |                  | 18                    | 06                        | < 0.0020 | 6100'0>  | < 0.0020 | < 0.0020 |
| 33213-65-9 | Endosulfan II            | 470                  |                            | 1,200   | ı                | 18                    | 06                        | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 1031-07-8  | Endosulfan sulfate       |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 72-20-8    | Endrin                   | 23                   | ***                        | 61  | •                | 1                     | \$                        | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 7421-93-4  | Endrin aldehyde          |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 53494-70-5 | 53494-70-5 Endrin ketone |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 6-68-85    | gamma-BHC                | 0.5                  | -                          | 96  | •                | 0.009                 | 0.047                     | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 5566-34-7  | gamma-Chlordane          |                      |                            |   |                  |                       |                           | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 76-44-8    | Heptachlor               | 0.1                  | 0.1                        | 28  | 91               | 23                    | 011                       | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 1024-57-3  | Heptachlor epoxide       | 0.07                 | 5                          | 2.7   | 13               | 0.7                   | 3.3                       | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 72-43-5    | Methoxychlor             | 390                  |                            | 1,000   |                  | 160                   | 084                       | < 0.0020 | < 0.0019 | < 0.0020 | < 0.0020 |
| 8001-35-2  | Toxaphene                | 9.0                  | 68                         | 110   | 240              | 31                    | 150                       | < 0.042  | < 0.040  | < 0.041  | < 0.041  |

All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

04/30/2019 11:30 19041193-008 04/30/2019 11:00 19041193-007 04/30/2019 10:30 19041193-006 114 Client Sample ID: 19041193-005
Client Sample ID: 113
Date Collected: 04/30/2019 10:00

|            |                    |                            |               | Complete School World     | and Salva   | Soil Come             | Sonone       |          |          |          |          |
|------------|--------------------|----------------------------|---------------|---------------------------|-------------|-----------------------|--------------|----------|----------|----------|----------|
|            |                    | Residential Route Specific | oute Specific | Route Specific Values for | oValues for | Groundwater/Ingestic  | er Ingestion |          |          |          |          |
|            |                    | Values for, Soil           | for, Soil     | Soil                      | ii)         | Exposure Route Values | outeValues   |          |          |          |          |
| CAS No.    | Analyte            | Ingestion                  | Inhalation    | Ingestion                 | Inhalation  | Class I               | Class II     |          |          |          |          |
| 72-54-8    | 4,4'-DDD           | 3                          | i             | 520                       | 1           | 16                    | 80           | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 72-55-9    | 4,4'-DDE           | 2                          | 1             | 370                       | ••          | 54                    | 270          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 50-29-3    | 4,4'-DDT           | 7                          |               | 100                       | 2,100       | 32                    | 160          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 309-00-2   | Aldrin             | 0.04                       | 3             | 6.1                       | 9.3         | 0.5                   | 2.5          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 319-84-6   | alpha-BHC          | 0.1                        | 8.0           | 20                        | 2.1         | 0.0005                | 0.003        | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 5103-71-9  | alpha-Chlordane    |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 319-85-7   | beta-BHC           |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 57-74-9    | Chlordane          | 1.8                        | 7.5           | 100                       | 22          | 10                    | 48           | < 0.020  | < 0.019  | < 0.019  | < 0.019  |
| 319-86-8   | delta-BHC          |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 60-57-1    | Dieldrin           | 0.04                       | 1             | 7.8                       | 3.1         | 0.004                 | 0.02         | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 8-86-656   | Endosulfan I       | 470                        | ***           | 1,200                     | i           | 18                    | 06           | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 33213-65-9 | Endosulfan II      | 470                        | •••           | 1,200                     |             | 18                    | 06           | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 1031-07-8  | Endosulfan sulfate |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 72-20-8    | Endrin             | 23                         | -             | 19                        |             | 1                     | 8            | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 7421-93-4  | Endrin aldehyde    |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 53494-70-5 | Endrin ketone      |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 58-89-9    | gamma-BHC          | 0.5                        | ***           | 96                        | !           | 600.0                 | 0.047        | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 5566-34-7  | gamma-Chlordane    |                            |               |                           |             |                       |              | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 76-44-8    | Heptachlor         | 0.1                        | 0.1           | 28                        | 91          | 23                    | 110          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 1024-57-3  | Heptachlor epoxide | 0.07                       | 5             | 2.7                       | 13          | 0.7                   | 3.3          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 72-43-5    | Methoxychlor       | 390                        |               | 1,000                     |             | 160                   | 082          | < 0.0020 | < 0.0019 | < 0.0019 | < 0.0019 |
| 8001-35-2  | Toxaphene          | 9.0                        | 68            | 110                       | 240         | 31                    | 051          | < 0.040  | < 0.040  | < 0.038  | < 0.039  |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A. Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

# TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

19041193-003 111 19041193-002 110 19041193-001 109 04/30/2019 08:00 Laboratory ID : Client Sample ID : Date Collected :

04/30/2019 09:00 04/30/2019 08:30

|                     |                           |                       |            | 14000     | < 2.3     | 0.6       | 94        | 0.99      | < 0.57    | 83000             | 34 /      | 16        | 27               | < 0.31  | 23000          | 16        | 31000     | 009       | < 0.022   | 51               | 3600      | <1.1      | < 1.1     | 170       | <1.1      | 33                 | 64        |
|---------------------|---------------------------|-----------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-----------|-----------|------------------|---------|----------------|-----------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|--------------------|-----------|
|                     |                           |                       |            | 13000     | < 2.1     | 7.1       | 110       | 0.95      | < 0.52    | 64000             | 30        | 91        | 40               | < 0.30  | 26000          | 18        | 27000     | 550       | < 0.022   | 48               | 3200      | < 1.0     | < 1.0     | 160       | < 1.0     | 29                 | 61        |
|                     |                           |                       |            | 11000     | < 2.1     | 7.7       | 89        | 0.73      | < 0.53    | 00069             | 23        | 91        | 35               | < 0.32  | 23000          | 17        | 33000     | 200       | < 0.022   | 42               | 2400      | < 1.1     | <1.1      | 160       | <1.1      | 26                 | 55        |
| Soil Component of   | er Ingestion              | oute Values           | Class II   |           |           |           |           |           |           |                   |           |           |                  |         |                |           |           |           |           |                  |           |           |           |           |           |                    |           |
| Soil Com            | Groundwater Ingestion     | Exposure Route Values | Class I    |           |           |           |           |           |           |                   |           |           |                  |         |                |           |           |           |           |                  |           |           |           |           |           |                    |           |
| Construction Worker | Route Specific Values for | Soil                  | Inhalation |           |           | 25,000    | 870,000   | 44,000    | 000'65    |                   | 069       |           | •••              | ***     | •••            |           |           | 8,700     | 0.1       | 440,000          |           | :         |           |           | •         |                    | !         |
| Constructi          | Route Specif              | Sc                    | Ingestion  |           | 82        | 19        | 14,000    | 410       | 200       |                   | 4,100     | 12,000    | 8,200            | 4,100   |                | 002       | 730,000   | 4,100     | 19        | 4,100            |           | 1,000     | 1,000     | -         | 160       | 1,400              | 61,000    |
|                     | oute Specific             | Values for Soil       | Inhalation |           |           | 150       | 000'069   | 1,300     | 008'1     | •••               | 270       | ı         | I                | ***     |                | ***       | ••        | 000'69    | 01        | 13,000           |           |           | ***       |           |           |                    |           |
|                     | Residential Route Spe-    | Values                | Ingestion  |           | 31        | 13.0/11.3 | 5,500     | 160       | 8.        | •••               | 230       | 4,700     | 2,900            | 009'1   |                | 400       | 325,000   | 009'1     | 23        | 1,600            |           | 390       | 390       | •••       | 6.3       | 055                | 23,000    |
|                     |                           |                       | Analyte    | Aluminum  | Antimony  | Arsenic   | Barium    | Beryllium | Cadmium   | Calcium           | Chromium  | Cobalt    | Copper           | Cyanide | Iron           | Lead      | Magnesium | Manganese | Mercury   | Nickel           | Potassium | Selenium  | Silver    | Sodium    | Thallium  | Vanadium           | Zinc      |
|                     |                           |                       | CAS No.    | 7429-90-5 | 7440-36-0 | 7440-38-2 | 7440-39-3 | 7440-41-7 | 7440-43-9 | 7440-70-2 Calcium | 7440-47-3 | 7440-48-4 | 7440-50-8 Copper | 57-12-5 | 7439-89-6 Iron | 7439-92-1 | 7439-95-4 | 7439-96-5 | 7439-97-6 | 7440-02-0 Nickel | 7440-09-7 | 7782-49-2 | 7440-22-4 | 7440-23-5 | 7440-28-0 | 7440-62-2 Vanadium | 7440-66-6 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

19041193-005 19041193-006 113 114 04/30/2019 10:00 04/30/2019 10:30 19041193-004 112 04/30/2019 09:30 Laboratory ID: Client Sample ID:

Date Collected:

|                     |                           |                | 13000              | < 2.0     | 11        | 68               | 0.94        | < 0.50            | 00022             | 31          | 61               | 31               | < 0.30  | 23000          | 91        | 31000     | 280                   | < 0.020           | 47               | 3500                | < 1.0                | < 1.0     | 170              | < 1.0     | 31        | 19             |
|---------------------|---------------------------|----------------|--------------------|-----------|-----------|------------------|-------------|-------------------|-------------------|-------------|------------------|------------------|---------|----------------|-----------|-----------|-----------------------|-------------------|------------------|---------------------|----------------------|-----------|------------------|-----------|-----------|----------------|
|                     |                           |                | 13000              | < 2.1     | 8.7       | 06               | 0.93        | < 0.51            | 80000             | 31          | 15               | 28               | < 0.31  | 23000          | 15        | 30000     | 280                   | < 0.022           | 44               | 3100                | < 1.0                | < 1.0     | 170              | < 1.0     | 31        | 09             |
|                     |                           |                | 13000              | < 2.2     | 5.3       | 73               | 0.78        | < 0.55            | 00069             | 27          | 16               | 29               | < 0.32  | 23000          | 14        | 32000     | 550                   | < 0.022           | 40               | 3100                | < 1.1                | <1.1      | 160              | <1.1      | 27        | 55             |
| onent of            | er Ingestion              | Class II       |                    |           |           |                  |             |                   |                   |             |                  |                  |         |                |           |           |                       |                   |                  |                     |                      |           |                  |           |           |                |
| Soil Component of   | Groundwater Ingestion     | Class          |                    |           |           |                  |             |                   |                   |             |                  |                  |         |                |           |           |                       |                   |                  |                     |                      |           |                  |           |           |                |
| Construction Worker | Route Specific Values for | Inhalation     |                    | •••       | 25,000    | 870,000          | 44,000      | 29,000            |                   | 069         | i                | •••              | -       | -              |           |           | 8,700                 | 0.1               | 440,000          | -                   | •                    |           | -                | -         | -         | ł              |
| Constructi          | Route Specif              | Ingestion      | 0                  | 82        | 19        | 14,000           | 410         | 200               | 1                 | 4,100       | 12,000           | 8,200            | 4,100   |                | 007       | 730,000   | 4,100                 | 61                | 4,100            | ·                   | 1,000                | 1,000     | !                | 160       | 1,400     | 61.000         |
|                     | oute Specific             | Inhalation     |                    | •         | 750       | 000'069          | 1,300       | 1,800             | 1                 | 270         | 1                | <br>  <b>:</b>   | :       | i              | :         | 1         | 000'69                | 10                | 13,000           |                     | •••                  | ï         |                  | ***       | ı         | :              |
|                     | Residential Route Sp      | Ingestion Inha | 0                  | 31        | 13.0/11.3 | 5,500            | 160         | 8/                | i                 | 230         | 4,700            | 2,900            | 1,600   |                | 400       | 325,000   | 1,600                 | 23                | 1,600            |                     | 390                  | 390       |                  | 6.3       | 550       | 23,000         |
|                     |                           | Analyte        | Aluminum           | Antimony  | Arsenic   | 3arium           | Beryllium   | Cadmium           | Calcium           | Chromium    | Cobalt           | Copper           | Cyanide | Iron           | Lead      | Magnesium | Manganese             | Mercury           | Nickel           | Potassium           | Selenium             | Silver    | Sodium           | Thallium  | Vanadium  | Zinc           |
|                     |                           | CAS No.        | 7429-90-5 Aluminum | 7440-36-0 | 7440-38-2 | 7440-39-3 Barium | 7440-41-7 E | 7440-43-9 Cadmium | 7440-70-2 Calcium | 7440-47-3 ( | 7440-48-4 Cobalt | 7440-50-8 Copper | 57-12-5 | 7439-89-6 Iron | 7439-92-1 | 7439-95-4 | 7439-96-5   Manganese | 7439-97-6 Mercury | 7440-02-0 Nickel | 7440-09-7 Potassium | 7782-49-2   Selenium | 7440-22-4 | 7440-23-5 Sodium | 7440-28-0 | 7440-62-2 | 7440-66-6 Zinc |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective. Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

# TACO Tier I Soil Remediation Objectives - Supplemental Residential Report (INORG)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANAL YSIS

19041193-007 115 Laboratory ID : Client Sample ID :

19041193-008 116 04/30/2019 11:30 04/30/2019 11:00 Date Collected:

|                     |   |            | 11000          | < 2.1           | 11                | 93               | 0.91                | < 0.53            | 78000             | 29             | 17               | 38               | < 0.30          | 29000          | 18             | 29000               | 009                 | < 0.021           | 44               | 3800           | <1.1               | < 1.1             | 230               | <1.1               |          |
|---------------------|---|------------|----------------|-----------------|-------------------|------------------|---------------------|-------------------|-------------------|----------------|------------------|------------------|-----------------|----------------|----------------|---------------------|---------------------|-------------------|------------------|----------------|--------------------|-------------------|-------------------|--------------------|----------|
|                     |   |            | 12000          | < 2.1           | 7.7               | 110              | 0.93                | < 0.53            | 87000             | 29             | 14               | 36               | < 0.30          | 33000          | 17             | 35000               | 620                 | < 0.018           | 42               | 3700           | <1.1               | <1.1              | 220               | < 1.1              |          |
| ponent of           | er Ingestion<br>outeValues                    | Class II   |                |                 |                   |                  |                     |                   |                   |                |                  |                  |                 |                |                |                     |                     |                   |                  |                |                    |                   |                   |                    |          |
| Soil Component of   | Groundwater/Ingestion<br>ExposureRoute/Values | Class I    |                |                 |                   |                  |                     |                   |                   |                |                  |                  |                 |                |                |                     |                     |                   |                  |                |                    |                   |                   |                    |          |
| n Worker            | Netnestor<br>1                                | Inhalation |                | •••             | 25,000            | 870,000          | 44,000              | 59,000            |                   | 069            | ï                | ı                |                 | -              | i              |                     | 8,700               | 0.1               | 440,000          |                |                    |                   | •••               |                    |          |
| Construction Worker | Route Specific Values for<br>Soft             | Ingestion  |                | 82              | 61                | 14,000           | 410                 | 200               | -                 | 4,100          | 12,000           | 8,200            | 4,100           |                | 700            | 730,000             | 4,100               | 61                | 4,100            | ***            | 1,000              | 1,000             | •                 | 160                |          |
|                     | Idential Route Specific                       | Inhalation | `              |                 | 750               | 000'069          | 1,300               | 1,800             | -                 | 270            | :                | ı                |                 | -              | 1              |                     | 000'69              | 10                | 13,000           |                | -                  |                   |                   | •••                |          |
|                     | Residential Route Si                          | Ingestion  |                | 31              | 13.0/11.3         | 5,500            | 160                 | 28                |                   | 230            | 4,700            | 2,900            | 1,600           |                | 400            | 325,000             | 1,600               | 23                | 1,600            |                | 390                | 390               |                   | 6.3                | ~ * *    |
|                     |   | Analyte    | Aluminum       | Antimony        | nic               | mn               | /llium              | mium              | ium               | Chromium       | alt              | per              | nide            |                | _              | nesium              | ganese              | cury              | cel              | Potassium      | nium               | er                | ium               | llium              |          |
|                     |   | CAS No.    | 7429-90-5 Alun | 7440-36-0 Antii | 7440-38-2 Arsenic | 7440-39-3 Barium | 7440-41-7 Beryllium | 7440-43-9 Cadmium | 7440-70-2 Calcium | 7440-47-3 Chro | 7440-48-4 Cobalt | 7440-50-8 Copper | 57-12-5 Cyanide | 7439-89-6 Iron | 7439-92-1 Lead | 7439-95-4 Magnesium | 7439-96-5 Manganese | 7439-97-6 Mercury | 7440-02-0 Nickel | 7440-09-7 Pota | 7782-49-2 Selenium | 7440-22-4  Silver | 7440-23-5  Sodium | 7440-28-0 Thallium | 007 0000 |

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.
Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

19041193-004 19041193-003 19041193-002 Laboratory ID: 19041193-001 Client Sample ID: 109 Date Collected: 04/30/2019 08:00 19041193-001

04/30/2019 09:30 04/30/2019 09:00 04/30/2019 08:30

|                     |               |  | Constructi   | ction Worker  | Soil Component of            | ponent of    |           |                     |           |  |  |
|---------------------|---------------|--|--------------|---------------|------------------------------|--------------|-----------|---------------------|-----------|--|--|
|                     | Residentiz    | Residential Route Specific   Route Specific Values for | Route Specif | ic Values for | Groundwater Ingestion        | er Ingestion |           |                     |           |  |  |
|                     | Valt          | Values for Soil  | Soil         | il            | <b>Exposure Route Values</b> | oute Values  |           |                     |           |  |  |
| CAS No. Analyte     | rte Ingestion | n Inhalation   | Ingestion    | Inhalation    | Class I                      | Class II     |           |                     |           |  |  |
| 7429-90-5 Aluminum  |               |  |              |               |                              |              | < 0.10    | < 0.10              | < 0.10    | < 0.10                                   |  |
| 7440-36-0 Antimony  |               |  |              |               | 900.0                        | 0.024        | < 0.015   | < 0.015             | < 0.015   | < 0.015                                  |  |
| 7440-38-2 Arsenic   |               |  |              |               | 0.05                         | 0.2          | < 0.010   | < 0.010             | < 0.010   | < 0.010                                  |  |
| 7440-39-3 Barium    |               |  |              |               | 2.0                          | 2.0          | 0.54      | 0.44                | 0.34      | 0.59                                     |  |
| 7440-41-7 Beryllium |               |  |              |               | 0.004                        | 0.5          | < 0.0050  | < 0.0050            | < 0.0050  | < 0.0050                                 |  |
| 7440-43-9 Cadmium   |               |  |              |               | 0.005                        | 0.05         | < 0.0050  | < 0.0050            | < 0.0050  | < 0.0050                                 |  |
| 7440-47-3 Chromium  |               |  |              |               | 0.1                          | 0.1          | < 0.010   | < 0.010             | < 0.010   | < 0.010                                  |  |
| 7440-48-4 Cobalt    |               |  |              |               | 1.0                          | 1.0          | 0.037     | 0.020               | 0.023     | 0.039                                    |  |
| 7440-50-8 Copper    |               |  |              |               | 0.65                         | 0.65         | < 0.10    | < 0.10              | < 0.10    | < 0.10                                   |  |
| 7439-89-6 Iron      |               |  |              |               | 5.0                          | 5.0          | < 0.25    | < 0.25              | < 0.25    | < 0.25                                   |  |
| 7439-92-1 Lead      |               |  |              |               | 0.0075                       | 0.1          | < 0.0050  | < 0.0050            | < 0.0050  | < 0.0050                                 |  |
| 7439-96-5 Manganese |               |  |              |               | 0.15                         | 10.0         | 19;6      | <b>(11/99/93:0)</b> | 337.      | (11,11,11,11,11,11,11,11,11,11,11,11,11, |  |
| 7439-97-6 Mercury   |               |  |              |               | 0.002                        | 0.01         | < 0.00020 | < 0.00020           | < 0.00020 | < 0.00020                                |  |
| 7440-02-0 Nickel    |               |  |              |               | 0.1                          | 2.0          | 220.0     | 0.053               | 0.055     | 0.082                                    |  |
| 7782-49-2 Selenium  |               |  |              |               | 0.05                         | 0.05         | < 0.010   | < 0.010             | < 0.010   | < 0.010                                  |  |
| 7440-22-4 Silver    |               |  |              |               | 0.05                         | i            | < 0.010   | < 0.010             | < 0.010   | < 0.010                                  |  |
| 7440-28-0 Thallium  |               |  |              |               | 0.002                        | 0.02         | < 0.0050  | < 0.0050            | < 0.0050  | < 0.0050                                 |  |
| 7440-62-2 Vanadium  |               |  |              |               | 0.049                        | 0.1          | < 0.010   | < 0.010             | < 0.010   | < 0.010                                  |  |
| 7440-66-6 Zinc      |               |  |              |               | 5.0                          | 10           | < 0.050   | < 0.050             | < 0.050   | < 0.050                                  |  |
|                     |               |  |              |               |                              |              |           |                     |           |  |  |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Construction Worker Objectives from 35 IAC Part 742, Appendix B Table B.

19041193-007 19041193-006 Laboratory ID: 19041193-005 Client Sample ID: 113 Date Collected: 04/30/2019 10:00 19041193-005 113

19041193-008

04/30/2019 11:30 04/30/2019 11:00 04/30/2019 10:30

|                     | Residential | Residential Route Specific | Constructi<br>Route Specif | Construction Worker<br>oute Specific Values for | Soil Component of<br>Groundwater, Ingestion | onent of<br>r,Ingestion |           |           |           |           |
|---------------------|-------------|----------------------------|----------------------------|---|---|-------------------------|-----------|-----------|-----------|-----------|
|                     | Values      | Values for Soil            | S                          | Sofi  | Exposure Route Values                       | oute.Values             |           |           |           |           |
| CAS No. Analyte     | _           | Ingestion I Inhalation     | Ingestion                  | ■ Inhalation                                    | Class I                                     | Class II                |           |           |           |           |
| 7429-90-5 Aluminum  |             |                            |                            |   |   |                         | < 0.10    | < 0.10    | < 0.10    | 0.12      |
| 7440-36-0 Antimony  |             |                            |                            |   | 900.0                                       | 0.024                   | < 0.015   | < 0.015   | < 0.015   | < 0.015   |
| 7440-38-2 Arsenic   |             |                            |                            |   | 0.05  | 0.2                     | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-39-3 Barium    |             |                            |                            |   | 2.0   | 2.0                     | 0.41      | 05.0      | 0.38      | 0.31      |
| 7440-41-7 Beryllium |             |                            |                            |   | 0.004                                       | 0.5                     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-43-9 Cadmium   |             |                            |                            |   | 0.005                                       | 0.05                    | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-47-3 Chromium  |             |                            |                            |   | 0.1   | 1.0                     | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-48-4 Cobalt    |             |                            |                            |   | 1.0   | 1.0                     | 0.020     | 0.034     | 0.029     | 0.028     |
| 7440-50-8 Copper    |             |                            |                            |   | 0.65  | . 59.0                  | < 0.10    | < 0.10    | < 0.10    | < 0.10    |
| 7439-89-6 Iron      |             |                            |                            |   | 5.0   | 5.0                     | < 0.25    | < 0.25    | < 0.25    | < 0.25    |
| 7439-92-1 Lead      |             |                            |                            |   | 0.0075                                      | 0.1                     | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7439-96-5 Manganese |             |                            |                            |   | 0.15  | 10.0                    | 3.6       | 3.8       | 3.5       | 3.6       |
| 7439-97-6 Mercury   |             |                            |                            |   | 0.002                                       | 0.01                    | < 0.00020 | < 0.00020 | < 0.00020 | < 0.00020 |
| 7440-02-0 Nickel    |             |                            |                            |   | 0.1   | 2.0                     | 0.063     | 0.075     | 0.079     | 090'0     |
| 7782-49-2 Selenium  |             |                            |                            |   | 0.05  | 0.05                    | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-22-4 Silver    |             |                            |                            |   | 0.05  | -                       | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-28-0 Thallium  |             |                            |                            |   | 0.002                                       | 0.02                    | < 0.0050  | < 0.0050  | < 0.0050  | < 0.0050  |
| 7440-62-2 Vanadium  |             |                            |                            |   | 0.049                                       | 0.1                     | < 0.010   | < 0.010   | < 0.010   | < 0.010   |
| 7440-66-6 Zinc      |             |                            |                            |   | 5.0   | 10                      | < 0.050   | < 0.050   | < 0.050   | < 0.050   |
|                     |             |                            |                            |   |   |                         |           |           |           |           |

All units are mg/L unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Bolded/Shaded values have detected results exceeding the lowest Tier I remediation objective.

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANAL YSIS

Laboratory ID: 19041125-vv..
Client Sample ID: 115
Date Collected: 04/30/2019 11:00
pH = 7.7

|              | Residential I | Residential Route Specific<br>Values for Soil | pH Specific Soi<br>Groundwater Inge | pH Specific Soil Component of<br>Groundwater Ingestion Route Values |         |
|--------------|---------------|---|-------------------------------------|---|---------|
|              | Ingestion     | Inhalation                                    | Class I                             | Class II  |         |
| NORG Analyte |               | pH Ran  | pH Range 7.25 to 7.74               |   |         |
| Aluminum     |               |   |                                     |   | 12000   |
| Antimony     | 31            | i   | \$                                  | 20  | <2.1    |
| Arsenic      | 13.0/11.3     | 750   | 30                                  | 120   | 1.1     |
| Barium       | 5,500         | 000'069                                       | 1,800                               | 1,800   | 110     |
| Beryllium    | 160           | 1,300   | 1,000                               | 130,000   | 0.93    |
| Cadmium      | 78            | 1,800   | 6\$                                 | 065   | < 0.53  |
| Calcium      | •••           | •••   |                                     |   | 87000   |
| Chromium     | 230           | 270   | 32                                  | No Data   | 29      |
| Cobalt       | 4,700         |   | See TCLP/SPLP                       | See TCLP/SPLP   | 14      |
| Copper       | 2,900         |   | 330,000                             | 330,000   | 36      |
| Cyanide      | 1,600         | •••   | 40                                  | 120   | < 0.30  |
| Iron         |               | •••   | See TCLP/SPLP                       | See TCLP/SPLP   | 33000   |
| Lead         | 400           |   | 101                                 | 1,420   | 11      |
| Magnesium    | 325,000       |   |                                     |   | 35000   |
| Manganese    | 1,600         | 69,000 / 8,700*                               | See TCLP/SPLP                       | See TCLP/SPLP   | 620     |
| Mercury      | 23            | 10/01   | 6.4                                 | 32  | < 0.018 |
| Nickel       | 1,600         | 13,000  | 200                                 | 14,000  | 42      |
| Potassium    |               |   |                                     |   | 3700    |
| Selenium     | 390           |   | 3.3                                 | 3.3   | < 1.1   |
| Silver       | 390           |   | 39                                  |   | <1.1    |
| Sodium       | •••           |   |                                     |   | 220     |
| Thallium     | 6.3           | •••   | 3.4                                 | 34  | < 1.1   |
| Vanadium     | 550           | ••  | 086                                 | See TCLP/SPLP   | 31      |
| Zinc         | 23,000        | i   | 16,000                              | 32,000  | 19      |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective. Chromium Class I / II objectives based on hexavalent chromium.

• - Construction Worker Inhalation Objective from Appendix B, Table B.

TACO Tier I pH Specific Soil Remediation Objectives - Supplemental Residential Report

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANAL YSIS

04/30/2019 10:00 pH = 8 19041193-005 113 04/30/2019 09:30 19041193-004 04/30/2019 09:00 19041193-003 04/30/2019 08:30 19041193-002 04/30/2019 08:00 19041193-001 109 Date Collected: Laboratory ID : Client Sample ID :

8 = Hd pH = 7.93pH = 8.088 = Hd

| Residential Route Specific  PH Specific Soil Component of Groundwater Ingestion Route Values | Ingestion Inhalation Class I Class II | pH Range 7.75 to 8.24 |             | 31 5 20   | 13.0/11.3 750 31 120 | 5,500 690,000 2,100 2,100 | 000       | 78 1,800 430 4,300 |             | 230 270 28 No Data | 4,700 See TCLP/SPLP   See TCLP/SPLP | H  | 1,600 40 120  | See TCLP/SPLP   See TCLP/SPLP | ┖     | 325,000   325,000 | 1,600   69,000 / 8,700*   See TCLP/SPLP   See TCLP/SPLP |                 | 1,600 13,000 3,800 76,000 | ***         | 390   2.4   2.4 | 390 110   | •••     | 6.3 3.8 38 | 550   980   See TCLP/SPLP |
|--|---------------------------------------|-----------------------|-------------|-----------|----------------------|---------------------------|-----------|--------------------|-------------|--------------------|-------------------------------------|----|---------------|-------------------------------|-------|-------------------|---|-----------------|---------------------------|-------------|-----------------|-----------|---------|------------|---------------------------|
|  |                                       |                       | 11000 13000 | <2.1 <2.1 | 7.7                  | 95   110                  | 0.73 0.95 | < 0.53 < 0.52      | 69000 64000 | 23                 | 91 91                               |    | < 0.32 < 0.30 | 23000 26000                   | 17 18 | 33000 27000       | 800 550   | < 0.022 < 0.022 |                           | 2400   3200 | <1.1 <1.0       | <1.1 <1.0 | 091 190 | <1.1 < 1.0 | 26 29                     |
|  |                                       |                       | 14000       | .1 <2.3   | 0.6                  | 0 94                      | 66'0   5  | 52 < 0.57          | 00 83000    |                    | 61                                  | 27 | 30 <0.31      | 00 23000                      | 91    | 31000             | 009 0   | < 0.022         |                           | 3600        | .0 <1.1         | .0 <1.1   | 0 170   | .0 <1.1    | 33                        |
|  |                                       |                       | 13000       | < 2.2     | 5.3                  | 73                        | 0.78      | < 0.55             | 00069       | 27                 | 16                                  | 29 | < 0.32        | 23000                         | 14    | 32000             | 550   | < 0.022         | 40                        | 3100        | < 1.1           | < 1.1     | 160     | <1.1       | 27                        |
|  |                                       |                       | 13000       | < 2.1     | 8.7                  | 06                        | 0.93      | < 0.51             | 00008       | 31                 | \$1                                 | 28 | < 0.31        | 23000                         | \$1   | 30000             | 085   | < 0.022         | 44                        | 3100        | < 1.0           | < 1.0     | 170     | < 1.0      | 31                        |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective. Chromium Class I / II objectives based on hexavalent chromium.

• - Construction Worker Inhalation Objective from Appendix B, Table B.

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANAL YSIS

19041193-008 19041193-006 114 Laboratory ID : Client Sample ID :

04/30/2019 11:30 Date Collected: 04/30/2019 10:30 pH = 8.03

pH = 7.86

|   |            |                       |          |          |           |         |           |         |         |          |               |         |         |               |       |           |               |         |        |           |          |        |        |          | Γ             | Γ       |
|---|------------|-----------------------|----------|----------|-----------|---------|-----------|---------|---------|----------|---------------|---------|---------|---------------|-------|-----------|---------------|---------|--------|-----------|----------|--------|--------|----------|---------------|---------|
|   |            |                       | 11000    | < 2.1    | 11        | 66      | 0.91      | < 0.53  | 78000   | 29       | 11            | 38      | < 0.30  | 29000         | 18    | 29000     | 009           | < 0.021 | 44     | 3800      | < 1.1    | <1.1   | 230    | <1.1     | 56            | 77      |
|   |            |                       | 13000    | < 2.0    | 11        | 68      | 0.94      | < 0.50  | 77000   | 31       | 61            | 31      | < 0.30  | 23000         | 16    | 31000     | 280           | < 0.020 | 47     | 3500      | < 1.0    | < 1.0  | 170    | < 1.0    | 31            | 7.1     |
| Component of tion Route Values                                      | Class II   |                       |          | 20       | 120       | 2,100   | 1,000,000 | 4,300   |         | No Data  | See TCLP/SPLP | 330,000 | 120     | See TCLP/SPLP | 1,420 |           | See TCLP/SPLP | 40      | 76,000 |           | 2.4      |        |        | 38       | See TCLP/SPLP | 110,000 |
| pH Specific Soil Component of<br>Groundwater Ingestion Route Values | Class I    | pH Range 7.75 to 8.24 |          | \$       | 31        | 2,100   | 8,000     | 430     |         | 28       | See TCLP/SPLP | 330,000 | 40      | See TCLP/SPLP | 107   |           | See TCLP/SPLP | 8.0     | 3,800  |           | 2.4      | 110    |        | 3.8      | 086           | 000 63  |
| Residential Route Specific<br>Values for Soil                       | Inhalation | pH Rang               |          | i        | 750       | 000'069 | 1,300     | 1.800   |         | 270      | :             | :       | •••     |               | ••    | ••        | *0018 / 00069 | 10/01   | 13,000 | ***       | •••      | :      | •••    | :        | ;             |         |
| Residential F   | Ingestion  |                       |          | 31       | 13.0/11.3 | 5,500   | 160       | 78      |         | 230      | 4,700         | 2,900   | 1,600   |               | 400   | 325,000   | 1,600         | 23      | 1,600  | ••        | 390      | 390    | :      | 6.3      | 550           | 22,000  |
|   |            | NORG Analyte          | Aluminum | Antimony | Arsenic   | Barium  | Beryllium | Cadmium | Calcium | Chromium | Cobalt        | Copper  | Cyanide | Iron          | Lead  | Magnesium | Manganese     | Mercury | Nickel | Potassium | Selenium | Silver | Sodium | Thallium | Vanadium      | 7:20    |
|   |            | INORG                 |          |          |           |         |           |         |         |          |               |         |         |               |       |           |               |         |        |           |          |        |        |          |               |         |

The actual laboratory determined pH values are listed and used for reference purposes.

NDA - No Data Available for this pH range.

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix B Table A.

Class I / II objectives based on 35 IAC Part 742, Appendix B Tables C & D.

Bolded/Shaded values exceed the lowest pH specific remediation objective. Chromium Class 1/ II objectives based on hexavalent chromium.

• - Construction Worker Inhalation Objective from Appendix B, Table B.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

04/30/2019 10:30 19041193-006 04/30/2019 10:00 19041193-005 04/30/2019 09:30 19041193-004 04/30/2019 09:00 19041193-003 04/30/2019 08:30 19041193-002 04/30/2019 08:00 19041193-001 109 Laboratory ID: Client Sample ID: Date Collected:

Concentration of Chemicals in Background Soits

PNA

< 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 0.0400.0400.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.50 770001 31 < 0.30 16 1310001 < 0.020 3500 < 2.0 ■0.94 0.1 > 1170 0.15 31 580 47 8 9 < 0.31 < 0.040 00008 0.0400.0400.0400.040 0.0400.0400.0400.040 ₽30000 3100 < 0.040 < 0.040 < 0.040 < 0.040 < 0.022 31 **1**0.931 31 15 28 <u>~ 1.0</u> 0. V 170 < 2.1 < 0.51 8.7 280 ೫ 69000 27 16 < 0.32 113000 73 **E**0:78 32000 < 0.022 3100 < 0.041 < 0.041 < 0.041 <0.04 <0.04 1 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 2.2 < 0.55 29 1601 27 550 5.3 55 < 0.31 < 0.57 830001 34 119 31000 < 0.041 < 0.041 0.99 < 0.022 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 181 3600 170 33 < 2.3 දි <u>-</u> 9.0 8 64 <0.022 48 3200 <1.0 < 0.52 64000 30 16 0.95 < 0.30 26000 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 < 0.040 27000 < 0.040 < 0.040 < 0.040 < 0.040 1091 729 < 2.1 550 61 2400 < 0.32 33000 0.0410.0410.0410.041 < 0.041 < 0.041 < 0.041 < 0.041 **6**000691 < 0.041 < 0.041 < 0.041 < 0.041 < 0.041 <0.041 <0.041 0.73 35 < 0.022 42 160 < 2.1 23 16 26 Š <u>.</u> S Outside MSA 0.50 20.9 0.37 0.50 5,525 13.0 0.98 0.70 0.84 0.04 0.51 0.99 9,200 122 0.56 0.50 12.0 25.0 60.2 0.04 0.15 8.9 0.03 0.63 Within MSA 15,900 9,500 9,300 16.2 8.9 36.0 4,820 0.48 0.59 0.55 0.49 64 0.42 0 4 0 E 9.61 25.2 0.07 0.18 9. 0.20 9.0 636 0.06 0.51 2.5 4 Cityof Chicago 0.86 0.03 6.0 0.20 0.10 89.0 Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(k)fluoranthene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benz(a)anthracene Analyte Acenaphthylene Benzo(a)pyrene Acenaphthene Phenanthrene Fluoranthene Naphthalene Magnesium Manganese Aluminum Chromium Beryllium Vanadium Antimony Potassium Selenium Fluorene Cadmium Mercury **Fhallium** Chrysene Arsenic Calcium Cyanide Sodium Barium Copper Pyrene Cobalt Nickel Silver 먑

INORG

MSA - Metropolian Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

TACO Tier I Soil Remediation Objectives - Supplemental Report (Background)

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-007 19041193-008 Client Sample ID: 115 116 Date Collected: 04/30/2019 11:00 04/30/2019 11:30 19041193-008 116

| City of |
|---------|
| Chicago |
| 0.09    |
| 0.03    |
| Ξ       |
| 1.3     |
| 1.5     |
| 0.68    |
| 0.99    |
| 1.2     |
| 0.20    |
| 2.7     |
| 0.10    |
| 98.0    |
| 0.04    |
| 1.3     |
| 1.9     |
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MSA - Metropolitan Statistical Area All units are mg/Kg unless otherwise noted. Based on 35 IAC Part 742, Appendix A Table G and Table H. Bolded/Shaded values exceed the within MSA background level.

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID:

19041193-001

19041193-002

Client Sample ID : Date Collected :

109 04/30/2019 08:00 110 04/30/2019 08:30

Soil Saturation Limits for Chemicals With Melting Point < 30°C Soil Component of **Outdoor Inhalation Groundwater Ingestion Exposure Route Value Exposure Route** CAS No. C<sub>sat</sub> (mg/Kg) Analyte C<sub>sat</sub> (mg/Kg) VOC 67-64-1 100,000 200,000 < 0.12 < 0.13 Acetone 71-43-2 Benzene 800 580 < 0.0082 < 0.0089 2,000 < 0.0082 < 0.0089 75-27-4 Bromodichloromethane 2,800 2,000 1.200 < 0.0082 < 0.0089 75-25-2 Bromoform 74-83-9 Bromomethane 3,100 3,600 < 0.016 < 0.018 45,000 < 0.12 < 0.13 25,000 78-93-3 2-Butanone Carbon disulfide 850 520 < 0.082 < 0.089 75-15-0 1,200 560 < 0.0082 < 0.0089 56-23-5 Carbon tetrachloride < 0.0089 290 < 0.0082 108-90-7 Chlorobenzene 620 < 0.0089 67-66-3 3,400 2,500 < 0.0082 Chloroform 124-48-1 Dibromochloromethane 1,400 890 < 0.0082 < 0.0089 < 0.0089 75-34-3 1,1-Dichloroethane 1,700 1,400 < 0.0082 < 0.0089 107-06-2 1,900 2,100 < 0.0082 1,2-Dichloroethane 75-35-4 1,1-Dichloroethene 1,400 910 < 0.0082 < 0.0089 < 0.0082 < 0.0089 1,300 1,000 156-59-2 cis-1,2-Dichloroethene trans-1,2-Dichloroethene 3,000 2,100 < 0.0082 < 0.0089 156-60-5 78-87-5 1,2-Dichloropropane 1,200 870 < 0.0082 < 0.0089 850 < 0.0033 < 0.0036 1,000 10061-01-5 cis-1,3-Dichloropropene < 0.0036 trans-1,3-Dichloropropene 1,000 850 < 0.0033 10061-02-6 100-41-4 Ethylbenzene 350 150 < 0.0082 < 0.0089 < 0.016 < 0.018 75-09-2 2,500 3,000 Methylene chloride < 0.0089 1634-04-4 Methyl tert-butyl ether 8,400 11,000 < 0.0082 100-42-5 630 260 < 0.0082 < 0.0089 Styrene < 0.0089 127-18-4 Tetrachloroethene 800 310 < 0.0082 < 0.0089 108-88-3 580 290 < 0.0082 Toluene 71-55-6 1,1,1-Trichloroethane 1,300 670 < 0.0082 < 0.0089 < 0.0089 1,300 < 0.0082 79-00-5 1,800 1,1,2-Trichloroethane 79-01-6 Trichloroethene 1,200 650 < 0.0082 < 0.0089 < 0.0089 75-01-4 Vinyl chloride 2,600 2,900 < 0.0082 Xylenes, Total 280 110 < 0.025 < 0.027 1330-20-7 < 0.20 SVOC 120-82-1 1,2,4-Trichlorobenzene 340 120 < 0.21 < 0.20 1,2-Dichlorobenzene 560 210 < 0.21 95-50-1 < 0.20 105-67-9 10,000 4,700 < 0.21 2,4-Dimethylphenol < 0.20 95-57-8 2-Chlorophenol 10,000 7,100 < 0.21 111-44-4 Bis(2-chloroethyl)ether 3,000 3.900 < 0.21 < 0.20 68 < 1.0 < 1.0 117-81-7 Bis(2-ethylhexyl)phthalate 200 < 0.20 Butyl benzyl phthalate 1,000 340 < 0.21 85-68-7 < 0.20 84-74-2 Di-n-butyl phthalate 2,600 880 < 0.21 < 0.20 5.2 < 0.21 Di-n-octyl phthalate 117-84-0 16 84-66-2 Diethyl phthalate 2,200 920 < 0.21 < 0.20 < 0.20 77-47-4 Hexachlorocyclopentadiene 130 44 < 0.21 78-59-1 3,000 3,000 < 0.21 < 0.20 Isophorone N-Nitrosodi-n-propylamine < 0.041 < 0.040 621-64-7 1,900 2,300

710

3.1

590

N/A

All units are mg/Kg unless otherwise noted.

Based on 35 IAC Part 742, Appendix A Table A.

Nitrobenzene

Метсигу

98-95-3

INORG 7439-97-6

< 0.040

< 0.022

< 0.041

< 0.022

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-003 19041193-004 Client Sample ID: 111 112 Date Collected: 04/30/2019 09:00 04/30/2019 09:30

|       |            |                            |  | ts for Chemicals With<br>oint < 30°C                         |          |          |
|-------|------------|----------------------------|--|--|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.092  | < 0.10   |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.0061 | < 0.0066 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.0061 | < 0.0066 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.0061 | < 0.0066 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.012  | < 0.013  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.092  | < 0.10   |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.061  | < 0.066  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.0061 | < 0.0066 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.0061 | < 0.0066 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.0061 | < 0.0066 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.0061 | < 0.0066 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.0061 | < 0.0066 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.0061 | < 0.0066 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.0061 | < 0.0066 |
|       | 156-59-2   | cis-1,2-Dichloroethene     | 1,300                                      | 1,000  | < 0.0061 | < 0.0066 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.0061 | < 0.0066 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.0061 | < 0.0066 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0024 | < 0.0027 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0024 | < 0.0027 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.0061 | < 0.0066 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.012  | < 0.013  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.0061 | < 0.0066 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.0061 | < 0.0066 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.0061 | < 0.0066 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.0061 | < 0.0066 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.0061 | < 0.0066 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.0061 | < 0.0066 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.0061 | < 0.0066 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.0061 | < 0.0066 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.018  | < 0.020  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.041  | < 0.041  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.041  | < 0.041  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | < 0.022  | < 0.022  |

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-005 19041193-006 Client Sample ID: 113 114 Date Collected: 04/30/2019 10:00 04/30/2019 10:30

| ٠     |            |                            |  | ts for Chemicals With bint < 30°C                            |          |          |
|-------|------------|----------------------------|--|--|----------|----------|
|       |            |                            | Outdoor Inhalation<br>Exposure Route Value | Soil Component of<br>Groundwater Ingestion<br>Exposure Route |          |          |
|       | CAS No.    | Analyte                    | C <sub>sat</sub> (mg/Kg)                   | C <sub>sat</sub> (mg/Kg)                                     |          |          |
| VOC   | 67-64-1    | Acetone                    | 100,000                                    | 200,000  | < 0.22   | < 0.095  |
|       | 71-43-2    | Benzene                    | 800  | 580  | < 0.014  | < 0.0064 |
|       | 75-27-4    | Bromodichloromethane       | 2,800                                      | 2,000  | < 0.014  | < 0.0064 |
|       | 75-25-2    | Bromoform                  | 2,000                                      | 1,200  | < 0.014  | < 0.0064 |
|       | 74-83-9    | Bromomethane               | 3,100                                      | 3,600  | < 0.029  | < 0.013  |
|       | 78-93-3    | 2-Butanone                 | 25,000                                     | 45,000   | < 0.22   | < 0.095  |
|       | 75-15-0    | Carbon disulfide           | 850  | 520  | < 0.14   | < 0.064  |
|       | 56-23-5    | Carbon tetrachloride       | 1,200                                      | 560  | < 0.014  | < 0.0064 |
|       | 108-90-7   | Chlorobenzene              | 620  | 290  | < 0.014  | < 0.0064 |
|       | 67-66-3    | Chloroform                 | 3,400                                      | 2,500  | < 0.014  | < 0.0064 |
|       | 124-48-1   | Dibromochloromethane       | 1,400                                      | 890  | < 0.014  | < 0.0064 |
|       | 75-34-3    | 1,1-Dichloroethane         | 1,700                                      | 1,400  | < 0.014  | < 0.0064 |
|       | 107-06-2   | 1,2-Dichloroethane         | 1,900                                      | 2,100  | < 0.014  | < 0.0064 |
|       | 75-35-4    | 1,1-Dichloroethene         | 1,400                                      | 910  | < 0.014  | < 0.0064 |
|       | 156-59-2   | cis-1.2-Dichloroethene     | 1,300                                      | 1,000  | < 0.014  | < 0.0064 |
|       | 156-60-5   | trans-1,2-Dichloroethene   | 3,000                                      | 2,100  | < 0.014  | < 0.0064 |
|       | 78-87-5    | 1,2-Dichloropropane        | 1,200                                      | 870  | < 0.014  | < 0.0064 |
|       | 10061-01-5 | cis-1,3-Dichloropropene    | 1,000                                      | 850  | < 0.0058 | < 0.0025 |
|       | 10061-02-6 | trans-1,3-Dichloropropene  | 1,000                                      | 850  | < 0.0058 | < 0.0025 |
|       | 100-41-4   | Ethylbenzene               | 350  | 150  | < 0.014  | < 0.0064 |
|       | 75-09-2    | Methylene chloride         | 2,500                                      | 3,000  | < 0.029  | < 0.013  |
|       | 1634-04-4  | Methyl tert-butyl ether    | 8,400                                      | 11,000   | < 0.014  | < 0.0064 |
|       | 100-42-5   | Styrene                    | 630  | 260  | < 0.014  | < 0.0064 |
|       | 127-18-4   | Tetrachloroethene          | 800  | 310  | < 0.014  | < 0.0064 |
|       | 108-88-3   | Toluene                    | 580  | 290  | < 0.014  | < 0.0064 |
|       | 71-55-6    | 1,1,1-Trichloroethane      | 1,300                                      | 670  | < 0.014  | < 0.0064 |
|       | 79-00-5    | 1,1,2-Trichloroethane      | 1,800                                      | 1,300  | < 0.014  | < 0.0064 |
|       | 79-01-6    | Trichloroethene            | 1,200                                      | 650  | < 0.014  | < 0.0064 |
|       | 75-01-4    | Vinyl chloride             | 2,600                                      | 2,900  | < 0.014  | < 0.0064 |
|       | 1330-20-7  | Xylenes, Total             | 280  | 110  | < 0.043  | < 0.019  |
| SVOC  | 120-82-1   | 1,2,4-Trichlorobenzene     | 340  | 120  | < 0.21   | < 0.21   |
|       | 95-50-1    | 1,2-Dichlorobenzene        | 560  | 210  | < 0.21   | < 0.21   |
|       | 105-67-9   | 2,4-Dimethylphenol         | 10,000                                     | 4,700  | < 0.21   | < 0.21   |
|       | 95-57-8    | 2-Chlorophenol             | 10,000                                     | 7,100  | < 0.21   | < 0.21   |
|       | 111-44-4   | Bis(2-chloroethyl)ether    | 3,000                                      | 3,900  | < 0.21   | < 0.21   |
|       | 117-81-7   | Bis(2-ethylhexyl)phthalate | 200  | 68   | < 1.0    | < 1.0    |
|       | 85-68-7    | Butyl benzyl phthalate     | 1,000                                      | 340  | < 0.21   | < 0.21   |
|       | 84-74-2    | Di-n-butyl phthalate       | 2,600                                      | 880  | < 0.21   | < 0.21   |
|       | 117-84-0   | Di-n-octyl phthalate       | 16   | 5.2  | < 0.21   | < 0.21   |
|       | 84-66-2    | Diethyl phthalate          | 2,200                                      | 920  | < 0.21   | < 0.21   |
|       | 77-47-4    | Hexachlorocyclopentadiene  | 130  | 44   | < 0.21   | < 0.21   |
|       | 78-59-1    | Isophorone                 | 3,000                                      | 3,000  | < 0.21   | < 0.21   |
|       | 621-64-7   | N-Nitrosodi-n-propylamine  | 1,900                                      | 2,300  | < 0.040  | < 0.040  |
|       | 98-95-3    | Nitrobenzene               | 710  | 590  | < 0.040  | < 0.040  |
| INORG | 7439-97-6  | Mercury                    | 3.1  | N/A  | < 0.022  | < 0.020  |

Project: Franklin (EB-2)
Laboratory: STAT ANALYSIS

Laboratory ID: 19041193-007 19041193-008 Client Sample ID: 115 116

Date Collected: 04/30/2019 11:00 04/30/2019 11:30

| 75-27-4   Bromodichloromethane   2,800   2,000   < 0.014   |       |           |                           | 1                        | ts for Chemicals With<br>pint < 30°C |          |          |
|--|-------|-----------|---------------------------|--------------------------|--------------------------------------|----------|----------|
| VOC   G7.64-1   Acetone   100.000   200.000   < 0.21   |       |           |                           |                          | Groundwater Ingestion                |          |          |
| 71.43-2   Benzene  |       | CAS No.   | Analyte                   | C <sub>sat</sub> (mg/Kg) | C <sub>sat</sub> (mg/Kg)             |          |          |
| 75-27-4   Bromodichloromethane   2,800   2,000   < 0.014   | voc   | 67-64-1   | Acetone                   | 100,000                  | 200,000                              | < 0.21   | < 0.11   |
| 75-25-2   Bromoferm  |       | 71-43-2   | Benzene                   | 800                      | 580                                  | < 0.014  | < 0.0073 |
| 74-83-9   Bromomethane   3,100   3,600   <0.028     78-93-3   2-Butanone   25,000   45,000   <0.21   |       | 75-27-4   | Bromodichloromethane      | 2,800                    | 2,000                                | < 0.014  | < 0.0073 |
| 78-93-3   2-Butanone   25,000   45,000   < 0.21     75-15-0   Carbon disulfide   850   520   < 0.14     56-23-5   Carbon tetrachloride   1,200   560   < 0.014     108-90-7   Chlorobenzene   620   290   < 0.014     67-66-3   Chloroform   3,400   2,500   < 0.014     124-48-1   Dibromochloromethane   1,400   890   < 0.014     175-34-3   1,1-Dichlorothane   1,700   1,400   < 0.014     107-06-2   1,2-Dichlorothane   1,900   2,100   < 0.014     156-59-2   cis-1,2-Dichlorothene   1,300   910   < 0.014     156-59-2   cis-1,2-Dichlorothene   1,300   1,000   < 0.014     156-60-5   trans-1,2-Dichlorothene   1,200   870   < 0.014     166-10-2   1,2-Dichlorothene   1,200   870   < 0.014     10061-01-5   cis-1,3-Dichloropropene   1,000   850   < 0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   < 0.0055     10041-4   Ethylbenzene   350   150   < 0.014     75-09-2   Methylene chloride   2,500   3,000   < 0.014     100-42-5   Styrene   630   260   < 0.014     101-25-6   1,1,1-Trichlorothane   1,300   1,000   < 0.014     102-18-3   Trichlorothane   1,300   1,000   < 0.014     103-20-7   Xylenes   580   290   < 0.014     101-3-6   1,1,1-Trichlorothane   1,300   1,000   < 0.014     102-18-3   1,1,2-Trichlorothane   1,300   670   < 0.014     103-20-7   Xylenes   504   280   110   < 0.004     11-4   Vinyl chloride   2,600   2,900   < 0.014     1330-20-7   Xylenes   Total   280   110   < 0.020     11-44-4   Bis(2-chlorobenzene   560   210   < 0.20     95-57-8   2-Chlorophenol   10,000   7,100   < 0.20     11-44-4   Bis(2-chlorothyl)phthalate   2,600   880   < 0.020     11-84-6-2   Diethyl phthalate   2,600   880   < 0.020     11-84-6-2   Diethyl phthalate   1,600   880   < 0.020     11-84-6-2   Diethyl phthalate   2,600   880   < 0.20   |       | 75-25-2   | Bromoform                 | 2,000                    | 1,200                                | < 0.014  | < 0.0073 |
| 75-15-0   Carbon disulfide   |       | 74-83-9   | Bromomethane              | 3,100                    | 3,600                                | < 0.028  | < 0.015  |
| Section   Sect |       | 78-93-3   | 2-Butanone                | 25,000                   | 45,000                               | < 0.21   | < 0.11   |
| 108-90-7   Chlorobenzene   |       | 75-15-0   | Carbon disulfide          | 850                      | 520                                  | < 0.14   | < 0.073  |
| 67-66-3   Chloroform   3,400   2,500   < 0.014     124-48-1   Dibromochloromethane   1,400   890   < 0.014     75-34-3   1,1-Dichloroethane   1,700   1,400   < 0.014     107-06-2   1,2-Dichloroethane   1,900   2,100   < 0.014     75-35-4   1,1-Dichloroethane   1,400   910   < 0.014     75-35-4   1,1-Dichloroethene   1,400   910   < 0.014     156-59-2   cis-1,2-Dichloroethene   1,300   1,000   < 0.014     156-60-5   rans-1,2-Dichloroethene   3,000   2,100   < 0.014     156-60-5   rans-1,2-Dichloroethene   1,200   870   < 0.014     10061-01-5   cis-1,3-Dichloropropene   1,000   850   < 0.0055     10061-02-6   rans-1,3-Dichloropropene   1,000   850   < 0.0055     10041-4   Ethylbenzene   350   150   < 0.014     75-09-2   Methylene chloride   2,500   3,000   < 0.028     1634-04-4   Methyl tert-butyl ether   8,400   11,000   < 0.014     100-42-5   Styrene   630   260   < 0.014     127-18-4   Tetrachloroethene   800   310   < 0.014     127-18-4   Tetrachloroethene   1,300   670   < 0.014     79-00-5   1,1,1-Trichloroethane   1,300   670   < 0.014     79-01-6   Trichloroethane   1,200   650   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     79-01-6   1,2-Trichloroethane   1,300   110   < 0.041     120-82-1   1,2-Trichloroethene   1,200   650   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     79-01-6   1,2-Trichloroethane   1,000   7,100   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   7,100   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   7,100   < 0.20     117-81-7   Bis(2-ethylheptylphthalate   1,000   340   < 0.20     117-84-0   Din-butyl phthalate   1,000   340   < 0.20     117-84-0   Din-butyl phthalate   1,000   340   < 0.20     117-84-0   Din-butyl phthalate   1,000   880   < 0.20     117-84-0   Din-butyl phthalate   2,200   920   < 0.20  |       | 56-23-5   | Carbon tetrachloride      | 1,200                    | 560                                  | < 0.014  | < 0.0073 |
| 124-48-1   Dibromochloromethane   1,400   890   < 0.014     75-34-3  |       | 108-90-7  | Chlorobenzene             | 620                      | 290                                  | < 0.014  | < 0.0073 |
| 75-34-3   1,1-Dichloroethane   1,700   1,400   < 0.014     107-06-2   1,2-Dichloroethane   1,900   2,100   < 0.014     75-35-4   1,1-Dichloroethene   1,400   910   < 0.014     156-59-2   cis-1,2-Dichloroethene   1,300   1,000   < 0.014     156-60-5   trans-1,2-Dichloroethene   3,000   2,100   < 0.014     156-60-5   trans-1,2-Dichloroptopane   1,200   870   < 0.014     10061-01-5   cis-1,3-Dichloroptopane   1,000   850   < 0.0055     10061-02-6   trans-1,3-Dichloroptopene   1,000   850   < 0.0055     10041-4   Ethylbenzene   350   150   < 0.014     75-09-2   Methylene chloride   2,500   3,000   < 0.028     1634-04-4   Methyl tert-butyl ether   8,400   11,000   < 0.014     100-42-5   Styrene   630   260   < 0.014     127-18-4   Tetrachloroethene   800   310   < 0.014     108-88-3   Toluene   580   290   < 0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   < 0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     130-20-7   Xylenes, Total   280   110   < 0.041     108-87-7   1,2-Hrinchloroethene   340   120   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   4,700   < 0.20     11-44-4   Bis(2-chloroethyl)ether   3,000   3,900   < 0.20     11-81-7   Bis(2-chloroethyl)ether   3,000   3,900   < 0.20     117-81-7   Bis(2-chloroethyl)ether   3,000   3,900   < |       | 67-66-3   | Chloroform                | 3,400                    | 2,500                                | < 0.014  | < 0.0073 |
| 107-06-2   |       | 124-48-1  | Dibromochloromethane      | 1,400                    | 890                                  | < 0.014  | < 0.0073 |
| 75-35-4  |       | 75-34-3   | 1,1-Dichloroethane        | 1,700                    | 1,400                                | < 0.014  | < 0.0073 |
| 75-35-4  |       | 107-06-2  | 1,2-Dichloroethane        | 1,900                    | 2,100                                | < 0.014  | < 0.0073 |
| 156-60-5   trans-1,2-Dichloroethene   3,000   2,100   < 0.014     78-87-5   1,2-Dichloropropane   1,200   870   < 0.014     10061-01-5   cis-1,3-Dichloropropene   1,000   850   < 0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   < 0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   < 0.0055     100-41-4   Ethylbenzene   350   150   < 0.014  |       |           | 1,1-Dichloroethene        |                          | 910                                  | < 0.014  | < 0.0073 |
| 156-60-5   trans-1,2-Dichloroethene   3,000   2,100   < 0.014     78-87-5   1,2-Dichloropropane   1,200   870   < 0.014     10061-01-5   cis-1,3-Dichloropropene   1,000   850   < 0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   < 0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   < 0.0055     100-41-4   Ethylbenzene   350   150   < 0.014  |       | 156-59-2  | cis-1.2-Dichloroethene    | 1,300                    | 1,000                                | < 0.014  | < 0.0073 |
| 10061-01-5   cis-1,3-Dichloropropene   1,000   850   <0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   <0.0055     100-41-4   Ethylbenzene   350   150   <0.014     75-09-2   Methylene chloride   2,500   3,000   <0.028     1634-04-4   Methyl tert-butyl ether   8,400   11,000   <0.014     100-42-5   Styrene   630   260   <0.014     127-18-4   Tetrachloroethene   800   310   <0.014     108-88-3   Toluene   580   290   <0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   <0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   <0.014     79-01-6   Trichloroethene   1,200   650   <0.014     75-01-4   Vinyl chloride   2,600   2,900   <0.014     130-20-7   Xylenes, Total   280   110   <0.041     130-82-1   1,2,4-Trichlorobenzene   340   120   <0.20     95-50-1   1,2-Dichlorobenzene   560   210   <0.20     95-57-8   2-Chlorophenol   10,000   4,700   <0.20     111-44-4   Bis(2-chloroethyl)ether   3,000   3,900   <0.20     117-81-7   Bis(2-ethylhexyl)phthalate   200   68   <0.20     84-74-2   Di-n-butyl phthalate   1,000   340   <0.20     84-76-2   Diethyl phthalate   2,200   920   <0.20  |       |           |                           |                          | 2,100                                |          | < 0.0073 |
| 10061-01-5   cis-1,3-Dichloropropene   1,000   850   <0.0055     10061-02-6   trans-1,3-Dichloropropene   1,000   850   <0.0055     100-41-4   Ethylbenzene   350   150   <0.014     75-09-2   Methylene chloride   2,500   3,000   <0.028     1634-04-4   Methyl tert-butyl ether   8,400   11,000   <0.014     100-42-5   Styrene   630   260   <0.014     127-18-4   Tetrachloroethene   800   310   <0.014     108-88-3   Toluene   580   290   <0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   <0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   <0.014     79-01-6   Trichloroethene   1,200   650   <0.014     79-01-6   Trichloroethene   1,200   650   <0.014     1330-20-7   Xylenes, Total   280   110   <0.041     130-82-1   1,2,4-Trichlorobenzene   340   120   <0.20     95-50-1   1,2-Dichlorobenzene   560   210   <0.20     95-57-8   2-Chlorophenol   10,000   7,100   <0.20     111-44-4   Bis(2-chloroethyl)ether   3,000   3,900   <0.20     117-81-7   Bis(2-ethylhexyl)phthalate   200   68   <0.97     85-68-7   Butyl benzyl phthalate   1,000   340   <0.20     117-84-0   Di-n-octyl phthalate   2,600   880   <0.20     117-84-6-2   Diethyl phthalate   2,200   920   <0.20   |       | 78-87-5   | 1.2-Dichloropropane       | 1,200                    | 870                                  | < 0.014  | < 0.0073 |
| 10061-02-6   trans-1,3-Dichloropropene   1,000   850   < 0.0055     100-41-4   Ethylbenzene   350   150   < 0.014     75-09-2   Methylene chloride   2,500   3,000   < 0.028     1634-04-4   Methyl tert-butyl ether   8,400   11,000   < 0.014     100-42-5   Styrene   630   260   < 0.014     127-18-4   Tetrachloroethene   800   310   < 0.014     108-88-3   Toluene   580   290   < 0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   < 0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     75-01-4   Vinyl chloride   2,600   2,900   < 0.014     1330-20-7   Xylenes, Total   280   110   < 0.041     SVOC   120-82-1   1,2,4-Trichlorobenzene   340   120   < 0.20     95-50-1   1,2-Dichlorobenzene   560   210   < 0.20     95-57-8   2,4-Dimethylphenol   10,000   4,700   < 0.20     117-81-7   Bis(2-ethylhexyl)phthalate   200   68   < 0.97     85-68-7   Butyl benzyl phthalate   1,000   340   < 0.20     117-84-0   Di-n-ottyl phthalate   2,600   880   < 0.20     84-66-2   Diethyl phthalate   2,200   920   < 0.20   |       |           |                           | 1,000                    | 850                                  | < 0.0055 | < 0.0029 |
| 100-41-4   Ethylbenzene   350   150   < 0.014  |       |           |                           | 1,000                    | 850                                  | < 0.0055 | < 0.0029 |
| 75-09-2   Methylene chloride   2,500   3,000   < 0.028     1634-04-4   Methyl tert-butyl ether   8,400   11,000   < 0.014     100-42-5   Styrene   630   260   < 0.014     127-18-4   Tetrachloroethene   800   310   < 0.014     108-88-3   Toluene   580   290   < 0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   < 0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     75-01-4   Vinyl chloride   2,600   2,900   < 0.014     1330-20-7   Xylenes, Total   280   110   < 0.041     SVOC   120-82-1   1,2,4-Trichlorobenzene   340   120   < 0.20     95-50-1   1,2-Dichlorobenzene   560   210   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   4,700   < 0.20     111-44-4   Bis(2-chloroethyl)ether   3,000   3,900   < 0.20     117-81-7   Bis(2-ethylhexyl)phthalate   200   68   < 0.97     85-68-7   Butyl benzyl phthalate   1,000   340   < 0.20     117-84-0   Di-n-octyl phthalate   2,600   880   < 0.20     117-84-0   Di-n-octyl phthalate   1,600   920   < 0.20  |       |           |                           | 350                      | 150                                  | < 0.014  | < 0.0073 |
| 1634-04-4   Methyl tert-butyl ether  |       |           |                           | 2,500                    | 3,000                                | < 0.028  | < 0.015  |
| 127-18-4   Tetrachloroethene   800   310   < 0.014     108-88-3   Toluene   580   290   < 0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   < 0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     75-01-4   Vinyl chloride   2,600   2,900   < 0.014     1330-20-7   Xylenes, Total   280   110   < 0.041     1330-20-7   Xylenes, Total   280   120   < 0.20     120-82-1   1,2,4-Trichlorobenzene   340   120   < 0.20     95-50-1   1,2-Dichlorobenzene   560   210   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   4,700   < 0.20     95-57-8   2-Chlorophenol   10,000   7,100   < 0.20     111-44-4   Bis(2-chloroethyl)ether   3,000   3,900   < 0.20     117-81-7   Bis(2-ethylhexyl)phthalate   2,000   68   < 0.97     85-68-7   Butyl benzyl phthalate   1,000   340   < 0.20     117-84-0   Di-n-octyl phthalate   1,600   880   < 0.20     117-84-0   Di-n-octyl phthalate   1,600   880   < 0.20     84-66-2   Diethyl phthalate   2,200   920   < 0.20  |       | 1634-04-4 |                           | 8,400                    | 11,000                               | < 0.014  | < 0.0073 |
| 127-18-4   Tetrachloroethene   800   310   < 0.014     108-88-3   Toluene   580   290   < 0.014     71-55-6   1,1,1-Trichloroethane   1,300   670   < 0.014     79-00-5   1,1,2-Trichloroethane   1,800   1,300   < 0.014     79-01-6   Trichloroethene   1,200   650   < 0.014     75-01-4   Vinyl chloride   2,600   2,900   < 0.014     1330-20-7   Xylenes, Total   280   110   < 0.041     130-82-1   1,2,4-Trichloroethene   340   120   < 0.20     120-82-1   1,2-Trichloroethene   560   210   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   4,700   < 0.20     105-67-9   2,4-Dimethylphenol   10,000   7,100   < 0.20     111-44-4   Bis(2-chloroethyl)ether   3,000   3,900   < 0.20     117-81-7   Bis(2-ethylhexyl)phthalate   200   68   < 0.97     85-68-7   Butyl benzyl phthalate   1,000   340   < 0.20     117-84-0   Di-n-octyl phthalate   1,600   880   < 0.20     117-84-0   Di-n-octyl phthalate   1,600   880   < 0.20     84-66-2   Diethyl phthalate   2,200   920   < 0.20   |       | 100-42-5  | Styrene                   | 630                      | 260                                  | < 0.014  | < 0.0073 |
| T1-55-6  |       | 127-18-4  |                           | 800                      | 310                                  | < 0.014  | < 0.0073 |
| 79-00-5  |       | 108-88-3  | Toluene                   | 580                      | 290                                  | < 0.014  | < 0.0073 |
| 79-00-5         1,1,2-Trichloroethane         1,800         1,300         < 0.014  |       | 71-55-6   | 1.1.1-Trichloroethane     | 1,300                    | 670                                  | < 0.014  | < 0.0073 |
| 79-01-6         Trichloroethene         1,200         650         < 0.014           75-01-4         Vinyl chloride         2,600         2,900         < 0.014   |       |           |                           | 1,800                    | 1,300                                | < 0.014  | < 0.0073 |
| 1330-20-7   Xylenes, Total   280   110   <0.041  |       |           |                           | 1,200                    | 650                                  | < 0.014  | < 0.0073 |
| 1330-20-7   Xylenes, Total   280   110   <0.041  |       | 75-01-4   | Vinyl chloride            |                          | 2,900                                | < 0.014  | < 0.0073 |
| 95-50-1   1,2-Dichlorobenzene   560   210   < 0.20   |       |           | Xylenes, Total            | 280                      | 110                                  | < 0.041  | < 0.022  |
| 95-50-1         1,2-Dichlorobenzene         560         210         < 0.20   | svoc  |           |                           | 340                      | 120                                  | < 0.20   | < 0.20   |
| 105-67-9         2,4-Dimethylphenol         10,000         4,700         < 0.20  |       |           |                           | 560                      | 210                                  | < 0.20   | < 0.20   |
| 95-57-8         2-Chlorophenol         10,000         7,100         < 0.20   |       |           |                           | 10,000                   | 4,700                                | < 0.20   | < 0.20   |
| 111-44-4         Bis(2-chloroethyl)ether         3,000         3,900         < 0.20  | •     | 95-57-8   |                           | 10,000                   | 7,100                                | < 0.20   | < 0.20   |
| 117-81-7         Bis(2-ethylhexyl)phthalate         200         68         < 0.97  |       |           |                           |                          |                                      | < 0.20   | < 0.20   |
| 85-68-7         Butyl benzyl phthalate         1,000         340         < 0.20  |       |           |                           |                          |                                      | < 0.97   | < 0.97   |
| 84-74-2         Di-n-butyl phthalate         2,600         880         < 0.20  |       |           |                           | 1.000                    | 340                                  | < 0.20   | < 0.20   |
| 117-84-0         Di-n-octyl phthalate         16         5.2         < 0.20           84-66-2         Diethyl phthalate         2,200         920         < 0.20   |       |           |                           |                          |                                      | < 0.20   | < 0.20   |
| 84-66-2 Diethyl phthalate 2,200 920 < 0.20   |       |           |                           |                          |                                      |          | < 0.20   |
| V V U D D D D D D D D D D D D D D D D D  |       | *** * * * |                           |                          |                                      | < 0.20   | < 0.20   |
| 1//-4/-4 THexachlorocyclopentagiene I 130 I 44 I < 0.20 I  |       | 77-47-4   | Hexachlorocyclopentadiene | 130                      | 44                                   | < 0.20   | < 0.20   |
| 78-59-1 Isophorone 3,000 3,000 < 0.20  |       |           |                           |                          |                                      |          | < 0.20   |
| 621-64-7 N-Nitrosodi-n-propylamine 1,900 2,300 < 0.039   |       |           |                           |                          |                                      |          | < 0.039  |
| 98-95-3 Nitrobenzene 710 590 < 0.039   |       |           |                           | -7                       |                                      |          | < 0.039  |
| INORG 7439-97-6 Mercury 3.1 N/A < 0.018  | INORG |           |                           |                          |                                      |          | < 0.021  |

|       |           |               | Concentration  | TACO Tier 1 |                           |
|-------|-----------|---------------|----------------|-------------|---------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway          |
|       |           | 109           | 11000          | 9,500       | Within MSA Background     |
|       |           | 110           | 13000          | 9,200       | Outside MSA Background    |
|       |           | 111           | 14000          |             | _                         |
| niono | <b>41</b> | 112           | 13000          |             |                           |
| INORG | Aluminum  | 113           | 13000          |             |                           |
|       |           | 114           | 13000          |             |                           |
|       |           | 115           | 12000          |             |                           |
|       |           | 116           | 11000          |             |                           |
|       |           | 109           | 0.73           | 0.59        | Within MSA Background     |
|       |           | 110           | 0.95           | 0.56        | Outside MSA Background    |
|       | 1         | 111           | 0.99           |             |                           |
| INORG | Beryllium | 112           | 0.78           |             |                           |
| плоко | Berymuni  | 113           | 0.93           |             |                           |
|       |           | 114           | 0.94           |             |                           |
|       |           | 115           | 0.93           |             |                           |
|       |           | 116           | 0.91           |             |                           |
|       |           | 109           | 69000          | 9,300       | Within MSA Background     |
|       | 1         | 110           | 64000          | 5,525       | Outside MSA Background    |
|       | Calcium   | 111           | 83000          |             |                           |
| INORG |           | 112           | 69000          |             |                           |
|       |           | 113           | 80000          |             |                           |
|       |           | 114           | 77000          |             |                           |
|       |           | 115           | 87000          | ]           |                           |
|       |           | 116           | 78000          |             |                           |
|       |           | 109           | 23             | 28          | pH Specific SCGIR Class I |
|       |           | 110           | 30             | 16.2        | Within MSA Background     |
|       |           | 111           | 34             | 13.0        | Outside MSA Background    |
| INORG | Chromium  | 112           | 27             |             |                           |
|       |           | 113           | 31             |             |                           |
|       |           | 114           | 31             |             |                           |
|       |           | 115           | 29             |             |                           |
|       |           | 116           | 29             |             | West's MCA Destaurant     |
|       |           | 109           | 16             | 8.9         | Within MSA Background     |
|       |           | 110           | 16             | 8.9         | Outside MSA Background    |
|       |           | 111           | 19             |             |                           |
| INORG | Cobalt    | 112           | 16             |             |                           |
|       |           | 113           | 15<br>19       |             |                           |
|       |           | 114           | 19             |             |                           |
|       |           | 115           |                |             |                           |
|       |           | 116<br>109    | 17<br>35       | 19.6        | Within MSA Background     |
|       |           | 110           | 40             | 12.0        | Outside MSA Background    |
|       |           | 110           | 27             | 12.0        | Outside MISA Dackground   |
|       |           | 111           | 29             |             |                           |
| INORG | Copper    | 112           | 28             |             |                           |
|       |           | 113           | 31             |             |                           |
|       |           | 114           | 36             |             |                           |
|       |           | 116           | 38             |             |                           |
|       |           | 110           | 30             |             |                           |

Client: Environmental Group Services, Ltd. Project: Franklin (EB-2) Laboratory: STAT ANALYSIS

|       |  |               | Concentration  | TACO Tier 1 |  |
|-------|--|---------------|----------------|-------------|--|
| Test  | Chemical   | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway                         |
|       |  | 109           | 23000          | 15,900      | Within MSA Background                    |
|       |  | 110           | 26000          | 15,000      | Outside MSA Background                   |
|       |  | 111           | 23000          |             | •  |
|       |  | 112           | 23000          |             |  |
| INORG | Iron   | 113           | 23000          |             |  |
|       |  | 114           | 23000          |             |  |
|       |  | 115           | 33000          |             |  |
|       |  | 116           | 29000          |             |  |
|       |  | 109           | 33000          | 4,820       | Within MSA Background                    |
|       | i i  | 110           | 27000          | 2,700       | Outside MSA Background                   |
|       |  | 111           | 31000          | 2,700       | Odiside Wio/i Background                 |
| •     |  | 112           | 32000          |             |  |
| INORG | Magnesium  |               | 30000          |             | •  |
|       |  | 113           | 31000          |             |  |
|       |  | 114           |                |             |  |
|       |  | 115           | 35000          |             |  |
|       |  | 116           | 29000          | 10.0        | 7153 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|       |  | 109           | 42             | 18.0        | Within MSA Background                    |
|       |  | 110           | 48             | 13.0        | Outside MSA Background                   |
|       |  | 111           | 51             | 1           |  |
| INORG | Nickel   | 112           | 40             |             |  |
|       | 1  | 113           | 44             |             |  |
|       |  | 114           | 47             | l i         |  |
|       |  | 115           | 42             |             |  |
|       |  | 116           | - 44           |             | ·  |
|       |  | 109           | 2400           | 1,268       | Within MSA Background                    |
|       |  | 110           | 3200           | 1,100       | Outside MSA Background                   |
|       |  | 111           | 3600           |             |  |
| INORG | Potassium  | 112           | 3100           |             |  |
| INOKO | Potassium  | 113           | 3100           |             |  |
|       |  | 114           | 3500           |             |  |
|       |  | 115           | 3700           | 1           |  |
|       |  | 116           | 3800           |             |  |
|       |  | 109           | 160            | 130         | Within MSA Background                    |
|       |  | 110           | 160            | 130.0       | Outside MSA Background                   |
|       |  | 111           | 170            | 1           |  |
| DIODG | , , ,  | 112           | 160            |             |  |
| INORG | Sodium   | 113           | 170            | 1           |  |
|       |  | 114           | 170            |             |  |
|       |  | 115           | 220            |             |  |
|       |  | 116           | 230            |             |  |
|       | <del>                                     </del> | 109           | 26             | 25.2        | Within MSA Background                    |
|       |  | 110           | 29             | 25.0        | Outside MSA Background                   |
|       |  | 111           | 33             |             |  |
|       |  | 112           | 27             |             |  |
| INORG | Vanadium   | 113           | 31             |             |  |
|       |  | 114           | 31             |             |  |
|       | [  | 115           | 31             |             |  |
|       | ]  | 116           | 29             |             |  |
|       | <del>                                     </del> |               | 61             | 60.2        | Outside MSA Background                   |
|       |  | 110           | 64             | 30.2        | Outside May Dackglould                   |
| NIOPO | <sub>7:</sub>                                    | 111           |                |             |  |
| INORG | Zinc   | 114           | 61             | 1           |  |
|       |  | 115           | 61             | 1           |  |
|       | <del>                                     </del> | 116           | 66             | 1 015       | SCCIP Class I                            |
|       | 1  | 109           | 3.6 *          | 0.15        | SCGIR Class I                            |
|       |  | 110           | 3.0 *          | 1           |  |
|       |  | 111           | 3.7 *          | 1           |  |
|       | 1  | 112           | 4.1 *          | 1           |  |
| TCLP  | Manganese  | 113           | 3.6 *          | 1           |  |

#### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Franklin (EB-2)

Laboratory: STAT ANALYSIS

| Test | Chemical | Sample Number | Concentration Detected (ppm) | TACO Tier 1<br>RO (mg/Kg) | Exposure Pathway |
|------|----------|---------------|------------------------------|---------------------------|------------------|
|      | _        | 114           | 3.8 *                        |                           |                  |
|      |          | 115           | 3.5 *                        |                           |                  |
|      |          | 116           | 3.6 *                        |                           |                  |

|         |           |               | Concentration  | TACO Tier 1 | <del></del>                            |
|---------|-----------|---------------|----------------|-------------|--|
| Test    | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway                       |
| TCLP    |           | 109           | 3.6 <b>*</b>   | 0.15        | SCGIR Class I                          |
|         | Manganese |               | 3.0 *          | 0.15        | SCGIR Class I                          |
| TCLP    | Manganese | 110<br>111    | 3.7 *          | 0.15        | SCGIR Class I                          |
| TCLP    | Manganese | 111           | 4.1 *          | 0.15        | SCGIR Class I                          |
| TCLP    | Manganese |               |                |             |  |
| TCLP    | Manganese | 113           | 3.6 *          | 0.15        | SCGIR Class I                          |
| TCLP    | Manganese | 114           | 3.8 *          | 0.15        | SCGIR Class I                          |
| TCLP    | Manganese | 115           | 3.5 *          | 0.15        | SCGIR Class I                          |
| TCLP    | Manganese | 116           | 3.6 *          | 0.15        | SCGIR Class I                          |
| INORG   | Chromium  | 110           | 30             | 28          | pH Specific SCGIR Class I              |
| INORG   | Chromium  | 111           | 34             | 28          | pH Specific SCGIR Class I              |
| INORG   | Chromium  | 113           | 31             | 28          | pH Specific SCGIR Class I              |
| INORG   | Chromium  | 114           | 31             | 28          | pH Specific SCGIR Class I              |
| INORG   | Chromium  | 116           | 29             | 28          | pH Specific SCGIR Class I              |
| INORG   | Aluminum  | 109           | 11000          | 9,500       | Within MSA Background                  |
| INORG   | Beryllium | 109           | 0.73           | 0.59        | Within MSA Background                  |
| INORG   | Calcium   | 109           | 69000          | 9,300       | Within MSA Background                  |
| INORG   | Chromium  | 109           | 23             | 16.2        | Within MSA Background                  |
| INORG   | Cobalt    | 109           | 16             | 8.9         | Within MSA Background                  |
| INORG   | Copper    | 109           | 35             | 19.6        | Within MSA Background                  |
| INORG   | Iron      | 109           | 23000          | 15,900      | Within MSA Background                  |
|         | Magnesium | 109           | 33000          | 4,820       | Within MSA Background                  |
| INORG   | Nickel    | 109           | 42             | 18.0        | Within MSA Background                  |
| INORG   | Potassium | 109           | 2400           | 1,268_      | Within MSA Background                  |
| INORG   | Sodium    | 109           | 160            | 130         | Within MSA Background                  |
| INORG   | Vanadium  | 109           | 26             | 25.2        | Within MSA Background                  |
| INORG   | Aluminum  | 110           | 13000          | 9,500       | Within MSA Background                  |
| INORG   | Beryllium | 110           | 0.95           | 0.59        | Within MSA Background                  |
| INORG   | Calcium   | 110           | 64000          | 9,300       | Within MSA Background                  |
| INORG   | Chromium  | 110           | 30             | 16.2        | Within MSA Background                  |
| INORG   | Cobalt    | 110           | 16             | 8.9         | Within MSA Background                  |
| INORG   | Copper    | 110           | 40             | 19.6        | Within MSA Background                  |
| INORG   | Iron      | 110           | 26000          | 15,900      | Within MSA Background                  |
| INORG   | Magnesium | 110           | 27000          | 4,820       | Within MSA Background                  |
| INORG   | Nickel    | 110           | 48             | 18.0        | Within MSA Background                  |
| INORG   | Potassium | 110           | 3200           | 1,268       | Within MSA Background                  |
| INORG   | Sodium    | 110           | 160            | 130         | Within MSA Background                  |
| INORG   | Vanadium  | 110           | 29             | 25.2        | Within MSA Background                  |
| INORG   | Aluminum  | 111           | 14000          | 9,500       | Within MSA Background                  |
| INORG   | Beryllium | 111           | 0.99           | 0.59        | Within MSA Background                  |
| INORG   | Calcium   | 111           | 83000          | 9,300       | Within MSA Background                  |
| INORG   | Chromium  | 111           | 34             | 16.2        | Within MSA Background                  |
| INORG   | Cobalt    | 111           | 19             | 8.9         | Within MSA Background                  |
| INORG   | Copper    | 111           | 27             | 19.6        | Within MSA Background                  |
| INORG   | lron      | 111           | 23000          | 15,900      | Within MSA Background                  |
|         | Magnesium | 111           | 31000          | 4,820       | Within MSA Background                  |
| INORG   | Nickel    | 111           | 51             | 18.0        | Within MSA Background                  |
| INORG   | Potassium | 111           | 3600           | 1,268       | Within MSA Background                  |
| INORG   | Sodium    | 111           | 170            | 130         | Within MSA Background                  |
| INORG   | Vanadium  | 111           | 33             | 25.2        | Within MSA Background                  |
| INORG   | Aluminum  | 112           | 13000          | 9,500       | Within MSA Background                  |
| INORG   | Beryllium | 112           | 0.78           | 0.59        | Within MSA Background                  |
| INORG   | Calcium   | 112           | 69000          | 9,300       | Within MSA Background                  |
| INORG   | Chromium  | 112           | 27             | 16.2        | Within MSA Background                  |
| INORG   | Cobalt    | 112           | 16             | 8.9         | Within MSA Background                  |
| INORG   | Copper    | 112           | 29             | 19.6        | Within MSA Background                  |
| INORG   | Iron      | 112           | 23000          | 15,900      | Within MSA Background                  |
|         | Magnesium | 112           | 32000          | 4,820       | Within MSA Background                  |
| INORG   | Nickel    | 112           | 40             | 18.0        | Within MSA Background                  |
| 1110110 | 1410001   | 114           |                |             | ······································ |

<sup>\* -</sup> result and RO units are mg/L

|                |                      |               | Concentration  | TACO Tier 1 |   |
|----------------|----------------------|---------------|----------------|-------------|---|
| Test           | Chemical             | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway                            |
| INORG          | Potassium            | 112           | 3100           | 1,268       | Within MSA Background                       |
| INORG          | Sodium               | 112           | 160            | 130         | Within MSA Background                       |
| INORG          | Vanadium             | 112           | 27             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum             | 113           | 13000          | 9,500       | Within MSA Background                       |
| INORG          | Beryllium            | 113           | 0.93           | 0.59        | Within MSA Background                       |
| INORG          | Calcium              | 113           | 80000          | 9,300       | Within MSA Background                       |
| INORG          | Chromium             | 113           | 31             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt               | 113           | 15             | 8.9         | Within MSA Background                       |
| INORG          | Copper               | 113           | 28             | 19.6        | Within MSA Background                       |
| INORG          | Iron                 | 113           | 23000          | 15,900      | Within MSA Background                       |
| INORG          | Magnesium            | 113           | 30000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel               | 113           | 44             | 18.0        | Within MSA Background                       |
| INORG          | Potassium            | 113           | 3100           | 1,268       | Within MSA Background                       |
| INORG          | Sodium               | 113           | 170            | 130         | Within MSA Background                       |
| INORG          | Vanadium             | 113           | 31             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum             | 114           | 13000          | 9,500       | Within MSA Background                       |
| INORG          | Beryllium            | 114           | 0.94           | 0.59        | Within MSA Background                       |
| INORG          | Calcium              | 114           | 77000          | 9,300       | Within MSA Background                       |
| INORG          | Chromium             | 114           | 31             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt               | 114           | 19             | 8.9         | Within MSA Background                       |
| INORG          | Copper               | 114           | 31             | 19.6        | Within MSA Background                       |
| INORG          | Iron                 | 114           | 23000          | 15,900      | Within MSA Background                       |
|                | Magnesium            | 114           | 31000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel               | 114           | 47             | 18.0        | Within MSA Background                       |
| INORG          | Potassium            | 114           | 3500           | 1,268       | Within MSA Background                       |
| INORG          | Sodium               | 114           | 170<br>31      | 130<br>25.2 | Within MSA Background                       |
| INORG          | Vanadium             | 114<br>115    | 12000          | 9,500       | Within MSA Background Within MSA Background |
| INORG<br>INORG | Aluminum             | 115           | 0.93           | 0.59        | Within MSA Background                       |
| INORG          | Beryllium<br>Calcium | 115           | 87000          | 9,300       | Within MSA Background Within MSA Background |
| INORG          | Chromium             | 115           | 29             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt               | 115           | 14             | 8.9         | Within MSA Background                       |
| INORG          | Copper               | 115           | 36             | 19.6        | Within MSA Background                       |
| INORG          | Iron                 | 115           | 33000          | 15,900      | Within MSA Background                       |
| INORG          | Magnesium            | 115           | 35000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel               | 115           | 42             | 18.0        | Within MSA Background                       |
| INORG          | Potassium            | 115           | 3700           | 1,268       | Within MSA Background                       |
| INORG          | Sodium               | 115           | 220            | 130         | Within MSA Background                       |
| INORG          | Vanadium             | 115           | 31             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum             | 116           | 11000          | 9,500       | Within MSA Background                       |
| INORG          | Beryllium            | 116           | 0.91           | 0.59        | Within MSA Background                       |
| INORG          | Calcium              | 116           | 78000          | 9,300       | Within MSA Background                       |
| INORG          | Chromium             | 116           | 29             | 16.2        | Within MSA Background                       |
| INORG          | Cobalt               | 116           | 17             | 8.9         | Within MSA Background                       |
| INORG          | Copper               | 116           | 38             | 19.6        | Within MSA Background                       |
| INORG          | Iron                 | 116           | 29000          | 15,900      | Within MSA Background                       |
|                | Magnesium            | 116           | 29000          | 4,820       | Within MSA Background                       |
| INORG          | Nickel               | 116           | 44             | 18.0        | Within MSA Background                       |
| INORG          | Potassium            | 116           | 3800           | 1,268       | Within MSA Background                       |
| INORG          | Sodium               | 116           | 230            | 130         | Within MSA Background                       |
| INORG          | Vanadium             | 116           | 29             | 25.2        | Within MSA Background                       |
| INORG          | Aluminum             | 109           | 11000          | 9,200       | Outside MSA Background                      |
| INORG          | Beryllium            | 109           | 0.73           | 0.56        | Outside MSA Background                      |
| INORG          | Calcium              | 109           | 69000          | 5,525       | Outside MSA Background                      |
| INORG          | Chromium             | 109           | 23             | 13.0        | Outside MSA Background                      |
| INORG          | Cobalt               | 109           | 16             | 8.9         | Outside MSA Background                      |
| INORG          | Copper               | 109           | 35             | 12.0        | Outside MSA Background                      |
| INORG          | Iron                 | 109           | 23000          | 15,000      | Outside MSA Background                      |

<sup>\* -</sup> result and RO units are mg/L

|       |           |               | Concentration  | TACO Tier 1 |                        |
|-------|-----------|---------------|----------------|-------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm) | RO (mg/Kg)  | Exposure Pathway       |
| INORG | Magnesium | 109           | 33000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 109           | 42             | 13.0        | Outside MSA Background |
| INORG | Potassium | 109           | 2400           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 109           | 160            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 109           | 26             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | 110           | 13000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 110           | 0.95           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 110           | 64000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 110           | 30             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 110           | 16             | 8.9         | Outside MSA Background |
| INORG | Copper    | 110           | 40             | 12.0        | Outside MSA Background |
| INORG | Iron      | 110           | 26000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | 110           | 27000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 110           | 48             | 13.0        | Outside MSA Background |
| INORG | Potassium | 110           | 3200           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 110           | 160            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 110           | 29             | 25.0        | Outside MSA Background |
| INORG | Zinc      | 110           | 61             | 60.2        | Outside MSA Background |
| INORG | Aluminum  | 111           | 14000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 111           | 0.99           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 111           | 83000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 111           | 34             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 111           | 19             | 8.9         | Outside MSA Background |
| INORG | Copper    | 111           | 27             | 12.0        | Outside MSA Background |
| INORG | Iron      | 111           | 23000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | 111           | 31000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 111           | 51             | 13.0        | Outside MSA Background |
| INORG | Potassium | 111           | 3600           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 111           | 170            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 111           | 33             | 25.0        | Outside MSA Background |
| INORG | Zinc      | 111           | 64             | 60.2        | Outside MSA Background |
| INORG | Aluminum  | 112           | 13000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 112           | 0.78           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 112           | 69000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 112           | 27             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 112           | 16             | 8.9         | Outside MSA Background |
| INORG | Copper    | 112           | 29             | 12.0        | Outside MSA Background |
| INORG | Iron      | 112           | 23000          | 15,000      | Outside MSA Background |
|       | Magnesium | 112           | 32000          | 2,700       | Outside MSA Background |
| INORG |           | 112           | 40             | 13.0        | Outside MSA Background |
| INORG | Potassium | 112           | 3100           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 112           | 160            | 130.0       | Outside MSA Background |
| INORG | Vanadium  | 112           | 27             | 25.0        | Outside MSA Background |
| INORG | Aluminum  | 113           | 13000          | 9,200       | Outside MSA Background |
| INORG | Beryllium | 113           | 0.93           | 0.56        | Outside MSA Background |
| INORG | Calcium   | 113           | 80000          | 5,525       | Outside MSA Background |
| INORG | Chromium  | 113           | 31             | 13.0        | Outside MSA Background |
| INORG | Cobalt    | 113           | 15             | 8.9         | Outside MSA Background |
| INORG | Copper    | 113           | 28             | 12.0        | Outside MSA Background |
| INORG | Iron      | 113           | 23000          | 15,000      | Outside MSA Background |
| INORG | Magnesium | 113           | 30000          | 2,700       | Outside MSA Background |
| INORG | Nickel    | 113           | 44             | 13.0        | Outside MSA Background |
| INORG | Potassium | 113           | 3100           | 1,100       | Outside MSA Background |
| INORG | Sodium    | 113           | 170            | 130.0       | Outside MSA Background |
|       |           | 113           | 31             | 25.0        | Outside MSA Background |
| INORG | Vanadium  |               | 13000          | 9,200       | Outside MSA Background |
| INORG | Aluminum  | 114           | 0.94           | 0.56        | Outside MSA Background |
| INORG | Beryllium | 114           |                | <del></del> |                        |
| INORG | Calcium   | 114           | 77000          | 5,525       | Outside MSA Background |

<sup>\* -</sup> result and RO units are mg/L

#### TACO Tier I Soil Remediation Objectives - Residential Exceedance Report

Client: Environmental Group Services, Ltd.

|       |           |               | Concentration TACO Tier 1 |            |                        |
|-------|-----------|---------------|---------------------------|------------|------------------------|
| Test  | Chemical  | Sample Number | Detected (ppm)            | RO (mg/Kg) | Exposure Pathway       |
| INORG | Chromium  | 114           | 31                        | 13.0       | Outside MSA Background |
| INORG | Cobalt    | 114           | 19                        | 8.9        | Outside MSA Background |
| INORG | Copper    | 114           | 31                        | 12.0       | Outside MSA Background |
| INORG | Iron      | 114           | 23000                     | 15,000     | Outside MSA Background |
| INORG | Magnesium | 114           | 31000                     | 2,700      | Outside MSA Background |
| INORG | Nickel    | 114           | 47                        | 13.0       | Outside MSA Background |
| INORG | Potassium | 114           | 3500                      | 1,100      | Outside MSA Background |
| INORG | Sodium    | 114           | 170                       | 130.0      | Outside MSA Background |
| INORG | Vanadium  | 114           | 31                        | 25.0       | Outside MSA Background |
| INORG | Zinc      | 114           | 61                        | 60.2       | Outside MSA Background |
| INORG | Aluminum  | 115           | 12000                     | 9,200      | Outside MSA Background |
| INORG | Beryllium | 115           | 0.93                      | 0.56       | Outside MSA Background |
| INORG | Calcium   | 115           | 87000                     | 5,525      | Outside MSA Background |
| INORG | Chromium  | 115           | 29                        | 13.0       | Outside MSA Background |
| INORG | Cobalt    | 115           | 14                        | 8.9        | Outside MSA Background |
| INORG | Copper    | 115           | 36                        | 12.0       | Outside MSA Background |
| INORG | Iron      | 115           | 33000                     | 15,000     | Outside MSA Background |
| INORG | Magnesium | 115           | 35000                     | 2,700      | Outside MSA Background |
| INORG | Nickel    | 115           | 42                        | 13.0       | Outside MSA Background |
| INORG | Potassium | 115           | 3700                      | 1,100      | Outside MSA Background |
| INORG | Sodium    | 115           | 220                       | 130.0      | Outside MSA Background |
| INORG | Vanadium  | 115           | 31                        | 25.0       | Outside MSA Background |
| INORG | Zinc      | 115           | 61                        | 60.2       | Outside MSA Background |
| INORG | Aluminum  | 116           | 11000                     | 9,200      | Outside MSA Background |
| INORG | Beryllium | 116           | 0.91                      | 0.56       | Outside MSA Background |
| INORG | Calcium   | 116           | 78000                     | 5,525      | Outside MSA Background |
| INORG | Chromium  | 116           | 29                        | 13.0       | Outside MSA Background |
| INORG | Cobalt    | 116           | 17                        | 8.9        | Outside MSA Background |
| INORG | Copper    | 116           | 38                        | 12.0       | Outside MSA Background |
| INORG | Iron      | 116           | 29000                     | 15,000     | Outside MSA Background |
| INORG |           | 116           | 29000                     | 2,700      | Outside MSA Background |
| INORG | Nickel    | 116           | 44                        | 13.0       | Outside MSA Background |
| INORG | Potassium | 116           | 3800                      | 1,100      | Outside MSA Background |
| INORG | Sodium    | 116           | 230                       | 130.0      | Outside MSA Background |
| INORG | Vanadium  | 116           | 29                        | 25.0       | Outside MSA Background |
| INORG | Zinc      | 116           | 66                        | 60.2       | Outside MSA Background |

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

May 09, 2019

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200 Fax: (312) 447-0922

1 ax. (312) 447-0922

Analytical Report for STAT Work Order: 19041196 Revision 0

RE: Franklin (EB-1)

Dear Environmental Group Services, Ltd.:

STAT Analysis received 8 samples for the referenced project on 4/30/2019 4:32:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Date: May 09, 2019

Client:

Environmental Group Services, Ltd.

Project:

Franklin (EB-1)

Work Order: 19041196 Revision 0

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date       | Date Received |
|---------------|------------------|------------|-----------------------|---------------|
| 19041196-001A | 101              |            | 4/29/2019 8:00:00 AM  | 4/30/2019     |
| 19041196-001B | 101              |            | 4/29/2019 8:00:00 AM  | 4/30/2019     |
| 19041196-002A | 102              |            | 4/29/2019 8:15:00 AM  | 4/30/2019     |
| 19041196-002B | 102              |            | 4/29/2019 8:15:00 AM  | 4/30/2019     |
| 19041196-003A | 103              |            | 4/29/2019 8:30:00 AM  | 4/30/2019     |
| 19041196-003B | 103              |            | 4/29/2019 8:30:00 AM  | 4/30/2019     |
| 19041196-004A | 104              |            | 4/29/2019 9:00:00 AM  | 4/30/2019     |
| 19041196-004B | 104              |            | 4/29/2019 9:00:00 AM  | 4/30/2019     |
| 19041196-005A | 105              |            | 4/29/2019 9:30:00 AM  | 4/30/2019     |
| 19041196-005B | 105              |            | 4/29/2019 9:30:00 AM  | 4/30/2019     |
| 19041196-006A | 106              |            | 4/29/2019 10:00:00 AM | 4/30/2019     |
| 19041196-006B | 106              |            | 4/29/2019 10:00:00 AM | 4/30/2019     |
| 19041196-007A | 107              |            | 4/29/2019 10:30:00 AM | 4/30/2019     |
| 19041196-007B | 107              |            | 4/29/2019 10:30:00 AM | 4/30/2019     |
| 19041196-008A | 108              |            | 4/29/2019 11:00:00 AM | 4/30/2019     |
| 19041196-008B | 108              |            | 4/29/2019 11:00:00 AM | 4/30/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-001

Client Sample ID: 101

Collection Date: 4/29/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Un | its DF        | Date Analyzed        |
|---|--------|------------|-------------|---------------|----------------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | 1           | Prep Date: 4/ | 30/2019 Analyst: AET |
| Acetone                                 | ND     | 0.091      | mg/Kg       | -dry 1        | 5/8/2019             |
| Benzene                                 | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Bromodichloromethane                    | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Bromoform                               | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Bromomethane                            | ND     | 0.012      | mg/Kg       | -dry 1        | 5/8/2019             |
| 2-Butanone                              | ND     | 0.091      | mg/Kg       | -dry 1        | 5/8/2019             |
| Carbon disulfide                        | ND     | 0.061      | mg/Kg       | -dry 1        | 5/8/2019             |
| Carbon tetrachloride                    | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Chlorobenzene                           | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Chloroethane                            | ND     | 0.012      | mg/Kg       | -dry 1        | 5/8/2019             |
| Chloroform                              | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Chloromethane                           | ND     | 0.012      | mg/Kg       | -dry 1        | 5/8/2019             |
| Dibromochloromethane                    | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,1-Dichloroethane                      | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,2-Dichloroethane                      | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,1-Dichloroethene                      | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| cis-1,2-Dichloroethene                  | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| trans-1,2-Dichloroethene                | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,2-Dichloropropane                     | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| cis-1,3-Dichloropropene                 | ND     | 0.0024     | mg/Kg       | -dry 1        | 5/8/2019             |
| trans-1,3-Dichloropropene               | ND     | 0.0024     | mg/Kg       | -dry 1        | 5/8/2019             |
| Ethylbenzene                            | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 2-Hexanone                              | ND     | 0.024      | mg/Kg       | -dry 1        | 5/8/2019             |
| 4-Methyl-2-pentanone                    | ND     | 0.024      | mg/Kg       | -dry 1        | 5/8/2019             |
| Methylene chloride                      | ND     | 0.012      | mg/Kg       | -dry 1        | 5/8/2019             |
| Methyl tert-butyl ether                 | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Styrene                                 | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Tetrachloroethene                       | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Toluene                                 | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,1,1-Trichloroethane                   | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| 1,1,2-Trichloroethane                   | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Trichloroethene                         | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Vinyl chloride                          | ND     | 0.0061     | mg/Kg       | -dry 1        | 5/8/2019             |
| Xylenes, Total                          | ND     | 0.018      | mg/Kg       | -dry 1        | 5/8/2019             |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 | •           | Prep Date: 5/ |                      |
| Acenaphthene                            | ND     | 0.041      | mg/Kg       | ~             | 5/2/2019             |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg       | -dry 1        | 5/2/2019             |

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
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Accreditations: IEPA ELAP 100445; ORELAP 1L300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-001

Client Sample ID: 101

Collection Date: 4/29/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier Un | nits DF           | Date Analyzed  |
|---|--------|-----------|--------------|-------------------|----------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW: | 3550B)       | Prep Date: 5/1/20 | 19 Analyst: DM |
| Aniline                                 | ND     | 0.41      | mg/K         | • •               | 5/2/2019       |
| Anthracene                              | ND     | 0.041     | mg/K         | · ·               | 5/2/2019       |
| Benz(a)anthracene                       | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Benzidine                               | ND     | 0.41      | mg/K         | g-dry 1           | 5/2/2019       |
| Benzo(a)pyrene                          | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Benzo(b)fluoranthene                    | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Benzo(g,h,i)perylene                    | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Benzo(k)fluoranthene                    | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Benzoic acid                            | ND     | 1.0       | mg/K         | g-dry 1           | 5/2/2019       |
| Benzyl alcohol                          | ND     | 0.21      | mg/K         | • •               | 5/2/2019       |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | mg/K         | g-dry 1           | 5/2/2019       |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Butyl benzyl phthalate .                | ND     | 0.21      | mg/K         | • •               | 5/2/2019       |
| Carbazole                               | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 4-Chloroaniline                         | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 4-Chloro-3-methylphenol                 | ND     | 0.41      | mg/K         | g-dry 1           | 5/2/2019       |
| 2-Chloronaphthalene                     | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 2-Chlorophenol                          | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Chrysene                                | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Dibenz(a,h)anthracene                   | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Dibenzofuran                            | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 1,2-Dichlorobenzene                     | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 2,4-Dichlorophenol                      | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Diethyl phthalate                       | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 2,4-Dimethylphenol                      | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Dimethyl phthalate                      | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41      | mg/K         | g-dry 1           | 5/2/2019       |
| 2,4-Dinitrophenol                       | ND     | 1.0       | mg/K         | g-dry 1           | 5/2/2019       |
| 2,4-Dinitrotoluene                      | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| 2,6-Dinitrotoluene                      | ND     | 0.041     | mg/K         | g-dry 1           | 5/2/2019       |
| Di-n-butyl phthalate                    | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |
| Di-n-octyl phthalate                    | ND     | 0.21      | mg/K         | g-dry 1           | 5/2/2019       |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-001

Client Sample ID: 101

Collection Date: 4/29/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Quali      | fier Units | DF                    | Date Analyzed        |
|---|--------|---------------|------------|-----------------------|----------------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | .70C (SW3550B | ) Prep     | Date: <b>5/1/2019</b> | Analyst: DM          |
| Fluoranthene                            | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| Fluorene                                | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| Hexachlorobenzene                       | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Hexachlorobutadiene                     | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Hexachlorocyclopentadiene               | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Hexachloroethane                        | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| Isophorone                              | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/201 <del>9</del> |
| 2-Methylnaphthalene                     | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 2-Methylphenol                          | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 4-Methylphenol                          | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Naphthalene                             | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| 2-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 3-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 4-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 2-Nitrophenol                           | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 4-Nitrophenol                           | ND     | 0.41          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Nitrobenzene                            | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| N-Nitrosodi-n-propylamine               | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| N-Nitrosodimethylamine                  | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| N-Nitrosodiphenylamine                  | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Pentachlorophenol                       | ND     | 0.083         | mg/Kg-dry  | 1                     | 5/2/2019             |
| Phenanthrene                            | ND     | 0.041         | mg/Kg-dry  | 1                     | 5/2/2019             |
| Phenol                                  | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| Pyrene                                  | ND     | 0.041         | mg/Kg-dry  | 1 5,7                 | 5/2/2019             |
| Pyridine                                | ND     | 0.83          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 2,4,5-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| 2,4,6-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry  | 1                     | 5/2/2019             |
| PCBs -                                  |        | 82A (SW3550B  | ) Prep     | Date: <b>5/1/2019</b> | Analyst: EN          |
| Aroclor 1016                            | ND     | 0.099         | mg/Kg-dry  | 1                     | 5/1/2019             |
| Aroclor 1221                            | ND     | 0.099         | mg/Kg-dry  | 1                     | 5/1/2019             |
| Aroclor 1232                            | ND     | 0.099         | mg/Kg-dry  | 1                     | 5/1/2019             |
| Aroclor 1242                            | ND .   | 0.099         | mg/Kg-dry  | 1                     | 5/1/2019             |
| Aroclor 1248                            | ND     | 0.099         | mg/Kg-dry  | 1                     | 5/1/2019             |
| Aroclor 1254                            | ND     | 0.099         | mg/Kg-dry  | 1                     | 5/1/2019             |
| Aroclor 1260                            | ND     | 0.099         | mg/Kg-dry  | <b>1</b> ·            | 5/1/2019             |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-001

Client Sample ID: 101

Collection Date: 4/29/2019 8:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qua       | alifier Units | DF             | Date Analyzed |
|--------------------|--------|--------------|---------------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550 | B) Prep       | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020        | mg/Kg-dry     | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020       | mg/Kg-dry     | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.041        | mg/Kg-dry     | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050 | B) Prep       | Date: 5/4/2019 | Analyst: MDT  |
| Aluminum           | 13000  | 22           | mg/Kg-dry     | 10             | 5/8/2019      |
| Antimony           | ND     | 2.2          | mg/Kg-dry     | 10             | 5/8/2019      |
| Arsenic            | 3.1    | 1.1          | mg/Kg-dry     | 10             | 5/8/2019      |
| Barium             | 75     | 1.1          | mg/Kg-dry     | 10             | 5/8/2019      |
| Beryllium          | 0.79   | 0.56         | mg/Kg-dry     | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.56         | mg/Kg-dry     | 10             | 5/8/2019      |
| Calcium            | 63000  | 67           | mg/Kg-dry     | 10             | 5/8/2019      |
| Chromium           | 26     | 1.1          | mg/Kg-dry     | 10             | 5/8/2019      |
| Cobalt             | 12     | 1.1          | mg/Kg-dry     | 10             | 5/8/2019      |
| Copper             | 17     | 2.8          | mg/Kg-dry     | 10             | 5/8/2019      |
| Iron               | 21000  | 33           | mg/Kg-dry     | 10             | 5/8/2019      |
| Lead               | 8.9    | 0.56         | mg/Kg-dry     | 10             | 5/8/2019      |
| Magnesium          | 28000  | 33           | mg/Kg-dry     | 10             | 5/8/2019      |
| Manganese          | 430    | 1.1          | mg/Kg-dry     | 10             | 5/8/2019      |
| Nickel             | 33     | 1.1          | mg/Kg-dry     | 10             | 5/8/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

May 09, 2019 **Date Printed:** 

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-001

Client Sample ID: 101

Collection Date: 4/29/2019 8:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW60   | )20A (SW  | 3050B)    | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 3500   | 33        |           | ig/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1       | m         | ig/Kg-dry | 10             | 5/8/2019      |
| Silver                | ND     | 1.1       | m         | ig/Kg-dry | 10             | 5/8/2019      |
| Sodium                | 230    | 67        | 'n        | ig/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.1       | m         | ig/Kg-dry | 10             | 5/8/2019      |
| Vanadium              | 24     | 1.1       | m         | g/Kg-dry  | 10             | 5/8/2019      |
| Zinc                  | 45     | 5.6       | n         | ng/Kg-dry | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW13   | 311/6020A | (SW3005A  | ) Prep    | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      |           | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.49   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.013  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 3.6    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.042  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019 .    |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW13   | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW74   |           |           |           | Date: 5/7/2019 | Analyst: LB   |
| Mercury               | ND     | 0.019     | m         | ng/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW90   |           |           | •         | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31      | m         | ng/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW90   | )45C      |           |           | Date: 5/2/2019 | Analyst: JT   |
| pH                    | 7.91   |           | •         | pH Units  | 1              | 5/2/2019      |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-001

Client Sample ID: 101

Collection Date: 4/29/2019 8:00:00 AM

Matrix: Soil

Analyses Result RL Qualifier Units DF Date Analyzed

Percent Moisture Percent Moisture 20.0 0.2 \* wt% 1 5/2/2019

Qualifiers:

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Date Reported: N

May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-002

Client Sample ID: 102

Collection Date: 4/29/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Uni | ts <b>DF</b>             | Date Analyzed            |
|---|--------|------------|--------------|--------------------------|--------------------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | F            | Prep Date: <b>4/30</b> / | 2019 Analyst: <b>AET</b> |
| Acetone                                 | ND     | 0.11       | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Benzene                                 | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Bromodichloromethane                    | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Bromoform                               | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Bromomethane                            | ND     | 0.015      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 2-Butanone                              | ND     | 0.11       | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Carbon disulfide                        | ND     | 0.074      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Carbon tetrachloride                    | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Chlorobenzene                           | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Chloroethane                            | ND     | 0.015      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Chloroform                              | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Chloromethane                           | ND     | 0.015      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Dibromochloromethane                    | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 1,1-Dichloroethane                      | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 1,2-Dichloroethane                      | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 1,1-Dichloroethene                      | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| cis-1,2-Dichloroethene                  | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| trans-1,2-Dichloroethene                | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 1,2-Dichloropropane                     | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| cis-1,3-Dichloropropene                 | ND     | 0.0030     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| trans-1,3-Dichloropropene               | ND     | 0.0030     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Ethylbenzene                            | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 2-Hexanone                              | ND     | 0.030      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 4-Methyl-2-pentanone                    | ND     | 0.030      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Methylene chloride                      | ND     | 0.015      | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Methyl tert-butyl ether                 | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Styrene                                 | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 1,1,2,2-Tetrachloroethane               | · ND   | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Tetrachloroethene                       | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Toluene                                 | ND     | 0.0074     | · mg/Kg-     | dry 1                    | 5/8/2019                 |
| 1,1,1-Trichloroethane                   | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| 1,1,2-Trichloroethane                   | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Trichloroethene                         | ND     | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Vinyl chloride                          | ND ·   | 0.0074     | mg/Kg-       | dry 1                    | 5/8/2019                 |
| Xylenes, Total                          | ND     | 0.022      | mg/Kg-       | •                        | 5/8/2019                 |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B) F       | Prep Date: 5/1/2         | 019 Analyst: DM          |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-       | dry 1                    | 5/2/2019                 |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-       | dry 1                    | 5/2/2019                 |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits
E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-002

Client Sample ID: 102

Collection Date: 4/29/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL (      | Qualifier Ur | nits   | DF                    | Date Analyzed |
|---|--------|-----------|--------------|--------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3 | 550B)        | Prep I | Date: <b>5/1/2019</b> | Analyst: DM   |
| Aniline                                 | ND     | 0.42      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Anthracene                              | ND     | 0.041     | mg/K         | •      | 1                     | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Benzidine                               | ND     | 0.41      | mg/K         |        | 1                     | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0       | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Carbazole                               | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.41      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Chrysene                                | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.041     | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41      | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0       | mg/K         | g-dry  | 1                     | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.041     | mg/K         |        | 1                     | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.041     | mg/K         |        | 1                     | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21      | mg/K         |        | 1                     | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21      | mg/K         | g-dry  | 1                     | 5/2/2019      |

ND - NO

ND - Not Detected at the Reporting Limit

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-002

Client Sample ID: 102

Collection Date: 4/29/2019 8:15:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualif      | ier Units | DF             | Date Analyzed        |
|---|--------|----------------|-----------|----------------|----------------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: DM          |
| Fluoranthene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| Fluorene                                | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Hexachlorobutadiene                     | ŃD     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/201 <del>9</del> |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1 '            | 5/2/2019             |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Naphthalene                             | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 4-Nitrophenol                           | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019             |
| Nitrobenzene                            | , ND   | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| N-Nitrosodi-n-propylamine               | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Pentachlorophenol                       | ND     | 0.084          | mg/Kg-dry | 1              | 5/2/2019             |
| Phenanthrene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| Pyrene                                  | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019             |
| Pyridine                                | ND     | 0.84           | mg/Kg-dry | 1              | 5/2/2019             |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019             |
| PCBs                                    |        | 982A (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN          |
| Aroclor 1016                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |
| Aroclor 1221                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |
| Aroclor 1232                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |
| Aroclor 1242                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |
| Aroclor 1248                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |
| Aroclor 1254                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |
| Aroclor 1260                            | ND     | 0.098          | mg/Kg-dry | 1              | 5/1/2019             |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-002

Collection Date: 4/29/2019 8:15:00 AM

Matrix: Soil

Client Sample ID: 102

| Analyses           | Result | RL Qualific    | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4´-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.040          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/4/2019 | Analyst: MD1  |
| Aluminum           | 11000  | 21             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 7.1    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Barium             | 49     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Beryllium          | 0.76   | 0.54           | mg/Kg-dry | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.54           | mg/Kg-dry | 10             | 5/8/2019      |
| Calcium            | 61000  | 64             | mg/Kg-dry | 10             | 5/8/2019      |
| Chromium           | 23     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Cobalt             | 12     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Copper             | 22     | 2.7            | mg/Kg-dry | 10             | 5/8/2019      |
| Iron               | 22000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 13     | 0.54           | mg/Kg-dry | 10             | 5/8/2019      |
| Magnesium          | 30000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 410    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Nickel             | 34     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Lab ID: Franklin (EB-1)

19041196-002

Client Sample ID: 102

Collection Date: 4/29/2019 8:15:00 AM

Matrix: Soil

| Analyses              | Result | RL       | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW60   | 20A (SW  | 3050B)    | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 3000   | 32       | •         | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1      |           | mg/Kg-dry | 10             | 5/8/2019      |
| Silver                | ND     | 1.1      |           | mg/Kg-dry | 10             | 5/8/2019      |
| Sodium                | 140    | 64       |           | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.1      |           | mg/Kg-dry | 10             | 5/8/2019      |
| Vanadium              | 23     | 1.1      |           | mg/Kg-dry | 10             | 5/8/2019      |
| Zinc                  | 45     | 5.4      | I         | mg/Kg-dry | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW13   | 11/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | 0.15   | 0.10     | •         | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015    |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.44   | 0.050    |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.038  | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10     |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | 0.78   | 0.25     |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 5.8    | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.065  | 0.020    |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050    |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW13   | 11/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020  |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW74   | 71B      |           | Prep      | Date: 5/7/2019 | Analyst: LB   |
| Mercury               | ND     | 0.021    |           | mg/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW90   | 12A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31     | ;         | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW90   | 45C      |           | Prep      | Date: 5/2/2019 | Analyst: JT   |
| рН                    | 7.93   |          |           | pH Units  | 1              | 5/2/2019      |
| Percent Moisture      | D2974  | 4        |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-002

Client Sample ID: 102

Collection Date: 4/29/2019 8:15:00 AM

Matrix: Soil

| Eab ID: 17041170 002 |        |     |           |       |                |               |
|----------------------|--------|-----|-----------|-------|----------------|---------------|
| Analyses             | Result | RL  | Qualifier | Units | DF             | Date Analyzed |
| Percent Moisture     | D2974  |     |           | Prep  | Date: 5/1/2019 | Analyst: FN   |
| Percent Moisture     | 20.1   | 0.2 | •         | wt%   | 1              | 5/2/2019      |

Qualifiers:

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J - Analyte detected below quantitation limits

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Franklin (EB-1)

Project: Lab ID:

19041196-003

Client Sample ID: 103

Collection Date: 4/29/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL (      | Qualifier | Units    | DF              | Date Analyze |
|---|--------|-----------|-----------|----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B |           | Prep     | Date: 4/30/2019 | Analyst: AE1 |
| Acetone                                 | ND     | 0.083     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Benzene                                 | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Bromodichloromethane                    | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Bromoform                               | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Bromomethane                            | ND     | 0.011     | m         | g/Kg-dry | 1               | 5/8/2019     |
| 2-Butanone                              | ND     | 0.083     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Carbon disulfide                        | ND     | 0.055     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Carbon tetrachloride                    | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Chlorobenzene                           | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Chloroethane                            | ND     | 0.011     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Chloroform                              | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Chloromethane                           | ND     | 0.011     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Dibromochloromethane                    | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0022    | m         | g/Kg-dry | 1               | 5/8/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0022    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Ethylbenzene                            | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 2-Hexanone                              | ND     | 0.022     | m         | g/Kg-dry | 1               | 5/8/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.022     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Methylene chloride                      | ND     | 0.011     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Styrene                                 | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Tetrachloroethene                       | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Toluene                                 | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Trichioroethene                         | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Vinyl chloride                          | ND     | 0.0055    | m         | g/Kg-dry | 1               | 5/8/2019     |
| Xylenes, Total                          | ND     | 0.017     | m         | g/Kg-dry | 1               | 5/8/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3 | 550B)     | Prep     | Date: 5/1/2019  | Analyst: DM  |
| Acenaphthene                            | ND     | 0.040     | m         | g/Kg-dry | 1               | 5/2/2019     |
| Acenaphthylene                          | ND     | 0.040     | m         | g/Kg-dry | 1               | 5/2/2019     |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-003

Client Sample ID: 103

Collection Date: 4/29/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier U | nits   | DF             | Date Analyzed |
|---|--------|-----------|-------------|--------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3 | 3550B)      | Prep   | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.41      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.040     | mg/l        | Kg-dry | <b>1</b>       | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.040     | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.40      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.040     | _           | Kg-dry | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.040     | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.040     | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.040     | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0       | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Benzyl alcohol                          | • ND   | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.40      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.040     | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.040     | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21      |             | Kg-dry | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21      | mg/l        | Kg-dry | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21      | •           | Kg-dry | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21      | _           | Kg-dry | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40      |             | Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0       | •           | Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.040     | •           | Kg-dry | 1              | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.040     | -           | Kg-dry | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21      | •           | Kg-dry | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21      | •           | Kg-dry | 1 .            | 5/2/2019      |

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Date Reported: May 09, 2019 **Date Printed:** 

ANALYTICAL RESULTS

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** Lab ID:

Franklin (EB-1)

19041196-003

Client Sample ID: 103

Collection Date: 4/29/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi     | ier Units | DF             | Date Analyze |
|---|--------|----------------|-----------|----------------|--------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: DM  |
| Fluoranthene                            | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| Fluorene                                | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| Hexachloroethane                        | ND     | . 0.21         | mg/Kg-dry | 1              | 5/2/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 3-Nitroaniline                          | · ND   | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 2-Nitrophenol                           | ND     | - 0.21         | mg/Kg-dry | 1              | 5/2/2019     |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019     |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| Pentachlorophenol                       | ND     | 0.082          | mg/Kg-dry | 1              | 5/2/2019     |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| Pyrene                                  | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019     |
| Pyridine                                | ND     | 0.82           | mg/Kg-dry | 1              | 5/2/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019     |
| CBs                                     | SW80   | 082A (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN  |
| Aroclor 1016                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |
| Aroclor 1221                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |
| Aroclor 1232                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |
| Aroclor 1242                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |
| Aroclor 1248                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |
| Aroclor 1254                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |
| Aroclor 1260                            | ND     | 0.095          | mg/Kg-dry | 1              | 5/1/2019     |

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019 **ANALYTICAL RESULTS** 

Date Frinted. May 09, 20

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-003

Collection Date: 4/29/2019 8:30:00 AM

Matrix: Soil

Client Sample ID: 103

| Analyses           | Result | RL Qualifi     | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.039          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Aluminum           | 14000  | `20            | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.0            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 11     | 1.0            | mg/Kg-dry | 10             | 5/8/2019      |
| Barium             | 61     | 1.0            | mg/Kg-dry | 10             | 5/8/2019      |
| Beryllium          | 0.86   | 0.51           | mg/Kg-dry | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.51           | mg/Kg-dry | 10             | 5/8/2019      |
| Calcium            | 57000  | 61             | mg/Kg-dry | 10             | 5/8/2019      |
| Chromium           | 26     | 1.0            | mg/Kg-dry | 10             | 5/8/2019      |
| Cobalt             | 13     | 1.0            | mg/Kg-dry | 10             | 5/8/2019      |
| Copper             | 20     | 2.5            | mg/Kg-dry | 10             | 5/8/2019      |
| Iron               | 21000  | 31             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 9.8    | 0.51           | mg/Kg-dry | 10             | 5/8/2019      |
| Magnesium          | 27000  | 31             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 400    | 1.0            | mg/Kg-dry | 10             | 5/8/2019      |
| Nickel             | 35     | 1.0            | mg/Kg-dry | 10             | 5/8/2019      |

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019 **ANALYTICAL RESULTS** 

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-003

Client Sample ID: 103

Collection Date: 4/29/2019 8:30:00 AM

Matrix: Soil

| Analyses              | Result           | RL        | Qualifier           | Units               | DF             | Date Analyzed |
|-----------------------|------------------|-----------|---------------------|---------------------|----------------|---------------|
| Metals by ICP/MS      | SW6020A (SW3050B |           | 3050B)              | Prep                | Analyst: MDT   |               |
| Potassium             | 3900             | 31        | -                   | mg/Kg-dry           | 10             | 5/8/2019      |
| Selenium              | ND               | 1.0       | 1                   | mg/Kg-dry           | 10             | 5/8/2019      |
| Silver                | ND               | 1.0       |                     | mg/Kg-dry           | 10             | 5/8/2019      |
| Sodium                | 200              | 61        |                     | mg/Kg-dry           | 10             | 5/8/2019      |
| Thallium              | ND               | 1.0       |                     | mg/Kg-dry           | 10             | 5/8/2019      |
| Vanadium              | 27               | 1.0       | 1                   | mg/Kg-dry           | 10             | 5/8/2019      |
| Zinc                  | 48               | 5.1       | ı                   | mg/Kg-dry           | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW1:             | 311/6020A | (SW3005             | A) Prep             | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND               | 0.10      | ·                   | mg/L                | 5              | 5/8/2019      |
| Antimony              | ND               | 0.015     |                     | mg/L                | 5              | 5/8/2019      |
| Arsenic               | ND               | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Barium                | 0.52             | 0.050     |                     | mg/L                | 5              | 5/5/2019      |
| Beryllium             | ND               | 0.0050    |                     | mg/L                | 5              | 5/5/2019      |
| Cadmium               | ND               | 0.0050    |                     | mg/L                | 5              | 5/5/2019      |
| Chromium              | ND               | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Cobalt                | 0.020            | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Copper                | ND               | 0.10      |                     | mg/L                | 5              | 5/5/2019      |
| Iron                  | ND               | 0.25      |                     | mg/L                | 5              | 5/5/2019      |
| Lead                  | ND               | 0.0050    |                     | mg/L                | 5              | 5/5/2019      |
| Manganese             | 3.1              | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Nickel                | 0.060            | 0.020     |                     | mg/L                | 5              | 5/5/2019      |
| Selenium              | ND               | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Silver                | ND               | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Thallium              | ND               | 0.0050    |                     | mg/L                | 5              | 5/5/2019      |
| Vanadium              | ND               | 0.010     |                     | mg/L                | 5              | 5/5/2019      |
| Zinc                  | ND               | 0.050     |                     | mg/L                | 5              | 5/5/2019      |
| TCLP Mercury          | SW1              | 311/7470A |                     | Prep                | Analyst: LB    |               |
| Mercury               | ND               | 0.00020   | •                   | mg/L                | 1              | 5/3/2019      |
| Mercury               | SW7471B          |           |                     | Prep Date: 5/7/2019 |                | Analyst: LB   |
| Mercury               | ND               | 0.022     |                     | mg/Kg-dry           | 1              | 5/6/2019      |
| Cyanide, Total        | SW9              | 012A      |                     | Prep                | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND               | 0.31      | 1                   | mg/Kg-dry           | 1              | 5/5/2019      |
| pH (25 °C)            | SW9              | 045C      | Prep Date: 5/2/2019 |                     | Analyst: JT    |               |
| pH                    | 7.92             |           |                     | pH Units            | 1              | 5/2/2019      |
| Percent Moisture      | D297             | 4         |                     | Prep                | Date: 5/1/2019 | Analyst: FN   |

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

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HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

ANALYTICAL RESULTS

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-003

Client Sample ID: 103

Collection Date: 4/29/2019 8:30:00 AM

Matrix: Soil

RL Qualifier Units Result DF Date Analyzed **Analyses** Prep Date: 5/1/2019 Analyst: FN D2974 **Percent Moisture** 0.2 5/2/2019 **Percent Moisture** 18.2

Qualifiers:

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B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019 **Date Printed:** 

May 09, 2019

ANALYTICAL RESULTS

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-004

Client Sample ID: 104

Collection Date: 4/29/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF              | Date Analyze |
|---|--------|------------|----------------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep           | Date: 4/30/2019 | Analyst: AE  |
| Acetone                                 | ND     | 0.13       | mg/Kg-dry      | 1               | 5/8/2019     |
| Benzene                                 | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Bromodichloromethane                    | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Bromoform                               | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Bromomethane                            | ND     | 0.017      | mg/Kg-dry      | 1               | 5/8/2019     |
| 2-Butanone                              | ND     | 0.13       | mg/Kg-dry      | 1               | 5/8/2019     |
| Carbon disulfide                        | ND     | 0.087      | mg/Kg-dry      | 1               | 5/8/2019     |
| Carbon tetrachloride                    | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Chlorobenzene                           | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Chloroethane                            | ND     | 0.017      | mg/Kg-dry      | 1               | 5/8/2019     |
| Chloroform                              | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Chloromethane                           | ND     | 0.017      | mg/Kg-dry      | 1               | 5/8/2019     |
| Dibromochloromethane                    | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0035     | mg/Kg-dry      | 1               | 5/8/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0035     | mg/Kg-dry      | 1               | 5/8/2019     |
| Ethylbenzene                            | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 2-Hexanone                              | ND     | 0.035      | mg/Kg-dry      | 1               | 5/8/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.035      | mg/Kg-dry      | 1               | 5/8/2019     |
| Methylene chloride                      | ND     | 0.017      | mg/Kg-dry      | 1               | 5/8/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Styrene                                 | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Tetrachloroethene                       | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Toluene                                 | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Trichloroethene                         | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Vinyl chloride                          | ND     | 0.0087     | mg/Kg-dry      | 1               | 5/8/2019     |
| Xylenes, Total                          | ND     | 0.026      | mg/Kg-dry      | 1               | 5/8/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 |                | Date: 5/1/2019  | Analyst: DM  |
| Acenaphthene                            | ND     | 0.042      | mg/Kg-dry      | 1               | 5/2/2019     |
| Acenaphthylene                          | ND     | 0.042      | mg/Kg-dry      | 1               | 5/2/2019     |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019 **Date Printed:** 

ANALYTICAL RESULTS

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project: Lab ID:

Franklin (EB-1)

19041196-004

Client Sample ID: 104

Collection Date: 4/29/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Quali      | fier Units | DF                    | Date Analyzed |
|---|--------|---------------|------------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B | ) Prep     | Date: <b>5/1/2019</b> | Analyst: DM   |
| Aniline                                 | ND     | 0.42          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Anthracene                              | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzidine                               | ND     | 0.42          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzoic acid                            | ND     | 1.1           | mg/Kg-dry  | 1                     | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.1           | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Carbazole                               | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.42          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Chrysene                                | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 3.3´-Dichlorobenzidine                  | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.42          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.1           | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.042         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.22          | mg/Kg-dry  | 1                     | 5/2/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-004

Client Sample ID: 104

Collection Date: 4/29/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qual       | ifier Units | DF                  | Date Analyze |  |
|---|--------|---------------|-------------|---------------------|--------------|--|
| Semivolatile Organic Compounds by GC/MS | SW82   | .70C (SW3550E | ) Prep      | Prep Date: 5/1/2019 |              |  |
| Fluoranthene                            | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Fluorene                                | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Hexachlorobenzene                       | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Hexachlorobutadiene                     | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Hexachlorocyclopentadiene               | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Hexachloroethane                        | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.042         | mg/Kg-dry   | 1 '                 | 5/2/2019     |  |
| Isophorone                              | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2-Methylnaphthalene                     | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2-Methylphenol                          | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 4-Methylphenol                          | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Naphthalene                             | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2-Nitroaniline                          | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 3-Nitroaniline                          | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 4-Nitroaniline                          | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2-Nitrophenol                           | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 4-Nitrophenol                           | ND     | 0.42          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Nitrobenzene                            | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| N-Nitrosodi-n-propylamine               | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| N-Nitrosodimethylamine                  | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| N-Nitrosodiphenylamine                  | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Pentachlorophenol                       | ND     | 0.085         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Phenanthrene                            | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Phenol                                  | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Pyrene                                  | ND     | 0.042         | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| Pyridine                                | · ND   | 0.85          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 1,2,4-Trichlorobenzene                  | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2,4,5-Trichlorophenol                   | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| 2,4,6-Trichtorophenol                   | ND     | 0.22          | mg/Kg-dry   | 1                   | 5/2/2019     |  |
| PCBs                                    | SW80   | 82A (SW3550E  | B) Prep     | Date: 5/1/2019      | Analyst: EN  |  |
| Aroclor 1016                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |
| Aroclor 1221                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |
| Aroclor 1232                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |
| Arocior 1242                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |
| Aroclor 1248                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |
| Aroclor 1254                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |
| Aroclor 1260                            | ND     | 0.10          | mg/Kg-dry   | 1                   | 5/1/2019     |  |

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H - Holding time exceeded

--- 22 -662

Page 23 of 52

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-004

Client Sample ID: 104

Collection Date: 4/29/2019 9:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualif         | ier Units | DF             | Date Analyzed |
|--------------------|--------|-------------------|-----------|----------------|---------------|
| Pesticides         | SW8    | SW8081B (SW3550B) |           | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020             | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND .   | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020            | mg/Kg-dry | 1 .            | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychior       | ND     | 0.0020            | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.042             | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B)    | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Aluminum           | 15000  | 23                | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.3               | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 4.8    | 1.2               | mg/Kg-dry | 10             | 5/8/2019      |
| Barium             | 87     | 1.2               | mg/Kg-dry | 10             | 5/8/2019      |
| Beryllium          | 0.97   | 0.58              | mg/Kg-dry | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.58              | mg/Kg-dry | 10             | 5/8/2019      |
| Calcium            | 53000  | 69                | mg/Kg-dry | 10             | 5/8/2019      |
| Chromium           | 28     | 1.2               | mg/Kg-dry | 10             | 5/8/2019      |
| Cobalt             | 14     | 1.2               | mg/Kg-dry | 10             | 5/8/2019      |
| Copper             | 26     | 2.9               | mg/Kg-dry | 10             | 5/8/2019      |
| Iron               | 25000  | 35                | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 12     | 0.58              | mg/Kg-dry | 10             | 5/8/2019      |
| Magnesium          | 27000  | 35                | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 430    | 1.2               | mg/Kg-dry | 10             | 5/8/2019      |
| Nickel             | 37     | 1.2               | mg/Kg-dry | 10             | 5/8/2019      |

Qualifiers:

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project:

Franklin (EB-1)

**Lab ID:** 19041196-004

Client Sample ID: 104

Collection Date: 4/29/2019 9:00:00 AM

Matrix: Soil

| Analyses              | Result           | RL        | Qualifier | Units               | DF             | Date Analyzed |
|-----------------------|------------------|-----------|-----------|---------------------|----------------|---------------|
| Metals by ICP/MS      | SW6020A (SW3050B |           |           | Prep                | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 4300             | 35        |           | ng/Kg-dry           | 10             | 5/8/2019      |
| Selenium              | ND               | 1.2       | n         | ng/Kg-dry           | 10             | 5/8/2019      |
| Silver                | ND               | 1.2       | n         | ng/Kg-dry           | 10             | 5/8/2019      |
| Sodium                | 170              | 69        | n         | ng/Kg-dry           | 10             | 5/8/2019      |
| Thallium              | ND               | 1.2       | n         | ng/Kg-dry           | 10             | 5/8/2019      |
| Vanadium              | 29               | 1.2       | n         | ng/Kg-dry           | 10             | 5/8/2019      |
| Zinc                  | 50               | 5.8       | n         | ng/Kg-dry           | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW1              | 311/6020A | (SW3005A  | A) Prep             | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND               | 0.10      | -         | mg/L                | 5              | 5/8/2019      |
| Antimony              | ND               | 0.015     |           | mg/L                | 5              | 5/8/2019      |
| Arsenic               | ND               | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Barium                | 0.47             | 0.050     |           | mg/L                | 5              | 5/5/2019      |
| Beryllium             | ND               | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Cadmium               | ND               | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Chromium              | ND               | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Cobalt                | 0.029            | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Copper                | ND               | 0.10      |           | mg/L                | 5              | 5/5/2019      |
| Iron                  | ND               | 0.25      |           | mg/L                | 5              | 5/5/2019      |
| Lead                  | ND               | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Manganese             | 3.0              | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Nickel                | 0.071            | 0.020     |           | mg/L                | 5              | 5/5/2019      |
| Selenium              | ND               | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Silver                | ND               | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Thallium              | ND               | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Vanadium              | ND               | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Zinc                  | ND               | 0.050     |           | mg/L                | 5              | 5/5/2019      |
| TCLP Mercury          | SW1              | 311/7470A |           | Prep                | Analyst: LB    |               |
| Mercury               | ND               | 0.00020   |           | mg/L                | 1              | 5/3/2019      |
| Mercury               | SW7              | 471B      |           | Prep                | Date: 5/7/2019 | Analyst: LB   |
| Mercury               | ND               | 0.023     | п         | ng/Kg-dry           | 1              | 5/6/2019      |
| Cyanide, Total        | SW9              | 012A      |           | •                   | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND               | 0.32      | n         | ng/Kg-dry           | 1              | 5/5/2019      |
| pH (25 °C)            | SW9              | 045C      |           | Prep Date: 5/2/2019 |                | Analyst: JT   |
| рН                    | 7.94             |           | (         | pH Units            | 1              | 5/2/2019      |
| Percent Moisture      | D297             | 4         |           | Prep                | Date: 5/1/2019 | Analyst: FN   |

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R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-004

Client Sample ID: 104

Collection Date: 4/29/2019 9:00:00 AM

Matrix: Soil

Analyses Result RL Qualifier Units DF Date Analyzed

Percent Moisture Percent Moisture 21.4 0.2 \* wt% 1 5/2/2019

Qualifiers:

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

ANALYTICAL RESULTS

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-005

Client Sample ID: 105

Collection Date: 4/29/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units    | DF                         | Date Analyze  |
|---|--------|------------|-------------------|----------------------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Pre               | ep Date: <b>4/30/201</b> ! | 9 Analyst: AE |
| Acetone                                 | ND     | 0.11       | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Benzene                                 | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Bromodichloromethane                    | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Bromoform                               | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Bromomethane                            | ND     | 0.015      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 2-Butanone                              | ND     | 0.11       | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Carbon disulfide                        | ND     | 0.073      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Carbon tetrachloride                    | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Chlorobenzene                           | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Chloroethane                            | ND     | 0.015      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Chloroform                              | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Chloromethane                           | ND     | 0.015      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Dibromochloromethane                    | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,1-Dichloroethane                      | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,2-Dichloroethane                      | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,1-Dichloroethene                      | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,2-Dichloropropane                     | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0029     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0029     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Ethylbenzene                            | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 2-Hexanone                              | ND     | 0.029      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.029      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Methylene chloride                      | ND     | 0.015      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Methyl tert-butyl ether                 | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Styrene                                 | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Tetrachloroethene                       | ND     | 0.0073     | mg/Kg-dr          | ý 1                        | 5/8/2019      |
| Toluene                                 | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Trichloroethene                         | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Vinyl chloride                          | ND     | 0.0073     | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Xylenes, Total                          | ND     | 0.022      | mg/Kg-dr          | y 1                        | 5/8/2019      |
| Semivolatile Organic Compounds by GC/MS | SW8:   | 270C (SW35 | 5 <b>0B</b> ) Pre | ep Date: <b>5/1/2019</b>   | Analyst: DM   |
| Acenaphthene                            | ND     | 0.040      | mg/Kg-dr          | y 1                        | 5/2/2019      |
| Acenaphthylene                          | ND     | 0.040      | mg/Kg-dr          | y 1                        | 5/2/2019      |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019 **ANALYTICAL RESULTS** 

May 09, 2019 **Date Printed:** 

**Client:** Work Order: Environmental Group Services, Ltd.

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-005

Client Sample ID: 105

Collection Date: 4/29/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifie    | r Units   | DF             | Date Analyzed |
|---|--------|----------------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) | •         | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-005

Client Sample ID: 105

Collection Date: 4/29/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qua        | lifier Units | DF                    | Date Analyzed |
|---|--------|---------------|--------------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550) | B) Prep      | Date: <b>5/1/2019</b> | Analyst: DM   |
| Fluoranthene                            | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| Fluorene                                | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| Isophorone                              | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 4-Methylphenoi                          | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Naphthalene                             | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.40          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.082         | mg/Kg-dry    | 1                     | 5/2/2019      |
| Phenanthrene                            | ND     | 0.040         | mg/Kg-dry    | 1                     | 5/2/2019      |
| Phenol                                  | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| Pyrene                                  | ND     | 0.040         | mg/Kg-dry    | 1 ,                   | 5/2/2019      |
| Pyridine                                | ND     | 0.82          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry    | 1                     | 5/2/2019      |
| PCBs                                    | SW80   | 082A (SW3550) | B) Prep      | Date: <b>5/1/2019</b> | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.095         | mg/Kg-dry    | 1                     | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.095         | mg/Kg-dry    | 1                     | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.095         | mg/Kg-dry    | 1                     | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.095         | mg/Kg-dry    | 1                     | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.095         | mg/Kg-dry    | 1                     | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.095         | mg/Kg-dry    | 1 .                   | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.095         | mg/Kg-dry    | 1                     | 5/1/2019      |

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019 **ANALYTICAL RESULTS** 

Client:

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-005

Client Sample ID: 105

Collection Date: 4/29/2019 9:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qual       | ifier Units | DF                    | Date Analyzed |
|--------------------|--------|---------------|-------------|-----------------------|---------------|
| Pesticides         | SW8    | 081B (SW3550E | 3) Prep     | Date: 5/1/2019        | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aldrin             | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| alpha-BHC          | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| beta-BHC           | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Chlordane          | ND     | 0.019         | mg/Kg-dry   | 1                     | 5/1/2019      |
| delta-BHC          | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Dieldrin           | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Endosulfan I       | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Endosulfan II      | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Endrin             | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Endrin ketone      | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| gamma-BHC          | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Heptachlor         | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Methoxychlor       | ND     | 0.0019        | mg/Kg-dry   | 1                     | 5/1/2019      |
| Toxaphene          | ND     | 0.039         | mg/Kg-dry   | 1                     | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050E | 3) Prep     | Date: <b>5/4/2019</b> | Analyst: MDT  |
| Aluminum           | 14000  | 20            | mg/Kg-dry   | 10                    | 5/8/2019      |
| Antimony           | ND     | 2.0           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Arsenic            | 6.4    | 1.0           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Barium             | 94     | 1.0           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Beryllium          | 0.98   | 0.51          | mg/Kg-dry   | 10                    | 5/8/2019      |
| Cadmium            | ND     | 0.51          | mg/Kg-dry   | 10                    | 5/8/2019      |
| Calcium            | 59000  | 61            | mg/Kg-dry   | 10                    | 5/8/2019      |
| Chromium           | 26     | 1.0           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Cobalt             | 14     | 1.0           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Copper             | 29     | 2.6           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Iron               | 26000  | 31            | mg/Kg-dry   | 10                    | 5/8/2019      |
| Lead               | 13     | 0.51          | mg/Kg-dry   | 10                    | 5/8/2019      |
| Magnesium          | 30000  | 31            | mg/Kg-dry   | 10                    | 5/8/2019      |
| Manganese          | 470    | 1.0           | mg/Kg-dry   | 10                    | 5/8/2019      |
| Nickel             | 39     | 1.0           | mg/Kg-dry   | 10                    | 5/8/2019      |

Qualifiers:

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-005

Client Sample ID: 105

Collection Date: 4/29/2019 9:30:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 3800   | 31        | · 1       | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.0       | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| Silver                | ND     | 1.0       | (         | mg/Kg-dry | 10             | 5/8/2019      |
| Sodium                | 170    | 61        | (         | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.0       | (         | mg/Kg-dry | 10             | 5/8/2019      |
| Vanadium              | 28     | 1.0       | (         | mg/Kg-dry | 10             | 5/8/2019      |
| Zinc                  | 51     | 5.1       | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      | •         | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.54   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.020  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 3.3    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.060  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 5/7/2019 | Analyst: LB   |
| Mercury               | ND     | 0.024     | (         | mg/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31      | ı         | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 5/2/2019 | Analyst: JT   |
| pH                    | 7.92   |           |           | pH Units  | 1              | 5/2/2019      |
| Percent Moisture      | D297   | <b>'4</b> |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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May 09, 2019 Date Reported: **Date Printed:** May 09, 2019 **ANALYTICAL RESULTS** 

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** Lab ID:

Franklin (EB-1)

19041196-005

Client Sample ID: 105

Collection Date: 4/29/2019 9:30:00 AM

Matrix: Soil

RL Qualifier **Analyses** Result Units DF Date Analyzed D2974 Prep Date: 5/1/2019 Analyst: FN **Percent Moisture Percent Moisture** 18.4 0.2 5/2/2019

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Date Reported: May 09, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** Lab ID: Franklin (EB-1)

19041196-006

Client Sample ID: 106

Collection Date: 4/29/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units    | DF              | Date Analyze |
|---|--------|------------|----------|----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep     | Date: 4/30/2019 | Analyst: AE  |
| Acetone                                 | ND     | 0.10       | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Benzene                                 | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Bromodichloromethane                    | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Bromoform                               | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Bromomethane                            | ND     | 0.014      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 2-Butanone                              | ND     | 0.10       | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Carbon disulfide                        | ND     | 0.070      | mg       | J/Kg-dry | 1               | 5/8/2019     |
| Carbon tetrachloride                    | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Chlorobenzene                           | ND     | 0.0070     | mg       | J/Kg-dry | 1               | 5/8/2019     |
| Chloroethane                            | ND     | 0.014      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Chloroform                              | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Chloromethane                           | ND     | 0.014      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Dibromochloromethane                    | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0028     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0028     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Ethylbenzene                            | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 2-Hexanone                              | ND     | 0.028      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.028      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Methylene chloride                      | ND     | 0.014      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Styrene                                 | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Tetrachloroethene                       | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Toluene                                 | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Trichloroethene                         | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Vinyl chloride                          | ND     | 0.0070     | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Xylenes, Total                          | ND     | 0.021      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 |          | •        | Date: 5/1/2019  | Analyst: DM  |
| Acenaphthene                            | ND     | 0.041      | -        | /Kg-dry  | 1               | 5/2/2019     |
| Acenaphthylene                          | ND     | 0.041      | mg       | /Kg-dry  | 1               | 5/2/2019     |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-006

Client Sample ID: 106

Collection Date: 4/29/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units    | DF             | Date Analyzed |
|---|--------|------------|----------|----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 |          |          | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.42       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.41       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0        | m        | g/Kg-dry | 1              | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0        | m        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.41       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21       | m        | g/Kg-dry | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21       |          | g/Kg-dry | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41       |          | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0        |          | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.041      | m        | g/Kg-dry | 1              | 5/2/2019      |
| 2.6-Dinitrotoluene                      | ND     | 0.041      |          | g/Kg-dry | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21       |          | g/Kg-dry | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21       |          | g/Kg-dry | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-006

Client Sample ID: 106

Collection Date: 4/29/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualific    | er Units  | DF             | Date Analyzed |
|---|--------|----------------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Fluorene                                | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Naphthalene                             | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.41           | mg/Kg-dry | 1 ,            | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.084          | mg/Kg-dry | 1              | 5/2/2019      |
| Phenanthrene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Pyrene                                  | ND .   | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Pyridine                                | ND     | 0.84           | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| PCBs                                    | SW80   | 82A (SW3550B)  | Prep      | Date: 5/1/2019 | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.10           | mg/Kg-dry | 1              | 5/1/2019      |

Qualifiers:

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lifiers: J - An

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-006

Client Sample ID: 106

Collection Date: 4/29/2019 10:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifie    | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin .           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND -   | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Aluminum           | 13000  | 22             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.2            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 6.4    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Barium             | 83     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Beryllium          | 0.87   | 0.55           | mg/Kg-dry | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.55           | mg/Kg-dry | 10             | 5/8/2019      |
| Calcium            | 57000  | 66             | mg/Kg-dry | 10             | 5/8/2019      |
| Chromium           | 26     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Cobalt             | 15     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Copper             | 23     | 2.8            | mg/Kg-dry | 10             | 5/8/2019      |
| Iron               | 22000  | 33             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 13     | 0.55           | mg/Kg-dry | 10             | 5/8/2019      |
| Magnesium          | 28000  | 33             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 430    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Nickel             | 40     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-006

Client Sample ID: 106

Collection Date: 4/29/2019 10:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW66   | 20A (SW   | 3050B)    | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 3500   | 33        | ·         | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1       | ſ         | mg/Kg-dry | 10             | 5/8/2019      |
| Silver                | ND     | 1.1       | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| Sodium                | 160    | 66        | ſ         | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.1       | r         | mg/Kg-dry | 10             | 5/8/2019      |
| Vanadium              | 25     | 1.1       | r         | ng/Kg-dry | 10             | 5/8/2019      |
| Zinc                  | 50     | 5.5       | r         | mg/Kg-dry | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW1:   | 311/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      | •         | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.51   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.022  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 2.9    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.060  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Setenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | , ND   | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1:   | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW74   | 171B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.023     | r         | ng/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW90   | )12A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.32      | r         | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW90   | )45C      |           | Prep      | Date: 5/2/2019 | Analyst: JT   |
| рН                    | 7.93   |           |           | pH Units  | 1              | 5/2/2019      |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-006

Client Sample ID: 106

Collection Date: 4/29/2019 10:00:00 AM

Matrix: Soil

| Analyses         | Result | RL  | Qualifier | Units | DF             | Date Analyzed |
|------------------|--------|-----|-----------|-------|----------------|---------------|
| Percent Moisture | D2974  |     |           | Prep  | Date: 5/1/2019 | Analyst: FN   |
| Percent Moisture | 21.2   | 0.2 | •         | wt%   | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

ANALYTICAL RESULTS

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-007

Client Sample ID: 107

Collection Date: 4/29/2019 10:30:00 AM

Matrix: Soil

| Analyses .                              | Result | RL Q       | ualifier | Units    | DF              | Date Analyze |
|---|--------|------------|----------|----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep     | Date: 4/30/2019 | Analyst: AE1 |
| Acetone                                 | ND     | 0.19       | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Benzene                                 | ND     | 0.013      | mg       | /Kg-dry  | 1               | 5/8/2019     |
| Bromodichloromethane                    | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Bromoform                               | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Bromomethane                            | ND     | 0.025      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 2-Butanone                              | ND     | 0.19       | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Carbon disulfide                        | ND     | 0.13       | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Carbon tetrachloride                    | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Chlorobenzene                           | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Chloroethane                            | ND     | 0.025      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Chloroform                              | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Chloromethane                           | ND     | 0.025      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Dibromochloromethane                    | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,1-Dichloroethane                      | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,2-Dichloroethane                      | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,1-Dichloroethene                      | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,2-Dichloropropane                     | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0050     | mg       | g/Kg-dry | 1               | 5/8/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0050     | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Ethylbenzene                            | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 2-Hexanone                              | ND     | 0.050      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.050      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Methylene chloride                      | ND     | 0.025      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Methyl tert-butyl ether                 | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Styrene                                 | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Tetrachloroethene                       | ND     | 0.013      | mg       | j/Kg-dry | 1               | 5/8/2019     |
| Toluene                                 | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Trichloroethene                         | ND     | 0.013      | mg       | J/Kg-dry | 1               | 5/8/2019     |
| Vinyl chloride                          | ND     | 0.013      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Xylenes, Total                          | ND     | 0.038      | mg       | g/Kg-dry | 1               | 5/8/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 |          |          | Date: 5/1/2019  | Analyst: DM  |
| Acenaphthene                            | ND     | 0.040      | mg       | g/Kg-dry | 1               | 5/2/2019     |
| Acenaphthylene                          | ND     | 0.040      | mg       | g/Kg-dry | 1               | 5/2/2019     |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-007

Client Sample ID: 107

Collection Date: 4/29/2019 10:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL        | Qualifier | Units    | DF             | Date Analyzed |
|---|--------|-----------|-----------|----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3 | 3550B)    | Prep     | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.41      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.40      | -         | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0       | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0       | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.40      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21      | mç        | g/Kg-dry | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21      | mç        | g/Kg-dry | 1              | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21      | mç        | g/Kg-dry | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0       | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.040     | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21      | mg        | g/Kg-dry | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21      | mç        | g/Kg-dry | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-007

Client Sample ID: 107

Collection Date: 4/29/2019 10:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi    | er Units  | DF             | Date Analyzed |
|---|--------|---------------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| Fluorene                                | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21          | mg/Kg-dry | , 1            | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorocyclopentadiene               | , ND   | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| Isophorone                              | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Naphthalene                             | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.40          | mg/Kg-dry | 1              | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.040         | mg/Kg-dry | + <b>1</b>     | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.082         | mg/Kg-dry | 1              | 5/2/2019      |
| Phenanthrene                            | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| Phenol                                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Pyrene                                  | ND     | 0.040         | mg/Kg-dry | 1              | 5/2/2019      |
| Pyridine                                | ND     | 0.82          | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| PCBs                                    | SW80   | 82A (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.099         | mg/Kg-dry | 1              | 5/1/2019      |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-007

Client Sample ID: 107

Collection Date: 4/29/2019 10:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifie    | r Units   | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND ·   | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Aluminum           | 14000  | 22             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.2            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 9.7    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Barium             | 61     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Beryllium          | 0.86   | 0.56           | mg/Kg-dry | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.56           | mg/Kg-dry | 10             | 5/8/2019      |
| Calcium            | 61000  | 67             | mg/Kg-dry | 10             | 5/8/2019      |
| Chromium           | 27     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Cobalt             | 16     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Copper             | 20     | 2.8            | mg/Kg-dry | 10             | 5/8/2019      |
| Iron               | 21000  | 34             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 12     | 0.56           | mg/Kg-dry | 10             | 5/8/2019      |
| Magnesium          | 29000  | 34             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 430    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Nickel             | 42     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

Project: Franklin (EB-1)

**Lab ID:** 19041196-007

Client Sample ID: 107

Collection Date: 4/29/2019 10:30:00 AM

Matrix: Soil

| Analyses              | Result | RL       | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW60   | 20A (SW  | 3050B)    | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 4000   | 34       |           | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1      | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Silver                | ND     | 1.1      | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Sodium                | 180    | 67       | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.1      | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Vanadium              | 27     | 1.1      | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Zinc                  | 50     | 5.6      | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW13   | 11/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10     | •         | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015    |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.47   | 0.050    |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.013  | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10     |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25     |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 3.2    | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.044  | 0.020    |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050   |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010    |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050    |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW13   | 11/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020  |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW74   | 71B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.019    | 1         | mg/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW90   | 12A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31     |           | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW90   | 45C      |           | Prep      | Date: 5/2/2019 | Analyst: JT   |
| pH                    | 8.07   |          |           | pH Units  | 1              | 5/2/2019      |
| Percent Moisture      | D2974  | 4        |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019

ANALYTICAL RESULTS

Environmental Group Services, Ltd.

Client Sample ID: 107

Work Order:

19041196 Revision 0

Collection Date: 4/29/2019 10:30:00 AM

Project: Lab ID:

Client:

Franklin (EB-1) 19041196-007

Matrix: Soil

AnalysesResultRLQualifierUnitsDFDate AnalyzedPercent MoistureD2974Prep Date: 5/1/2019Analyst: FNPercent Moisture19.00.2\*wt%15/2/2019

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-008

Client Sample ID: 108

Collection Date: 4/29/2019 11:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF              | Date Analyzed |
|---|--------|------------|----------------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep           | Date: 4/30/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.11       | mg/Kg-dry      | 1               | 5/8/2019      |
| Benzene                                 | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Bromodichloromethane                    | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Bromoform                               | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Bromomethane                            | ND     | 0.015      | mg/Kg-dry      | 1               | 5/8/2019      |
| 2-Butanone                              | ND     | 0.11       | mg/Kg-dry      | 1               | 5/8/2019      |
| Carbon disulfide                        | ND     | 0.075      | mg/Kg-dry      | 1               | 5/8/2019      |
| Carbon tetrachloride                    | ND .   | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Chlorobenzene                           | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Chloroethane                            | ND     | 0.015      | mg/Kg-dry      | 1               | 5/8/2019      |
| Chloroform                              | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Chloromethane                           | ND     | 0.015      | mg/Kg-dry      | 1               | 5/8/2019      |
| Dibromochloromethane                    | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,1-Dichloroethane                      | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,2-Dichloroethane                      | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,1-Dichloroethene                      | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,2-Dichloropropane                     | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0030     | mg/Kg-dry      | 1               | 5/8/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0030     | mg/Kg-dry      | 1               | 5/8/2019      |
| Ethylbenzene                            | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 2-Hexanone                              | ND     | 0.030      | mg/Kg-dry      | 1               | 5/8/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.030      | mg/Kg-dry      | 1               | 5/8/2019      |
| Methylene chloride                      | ND     | 0.015      | mg/Kg-dry      | 1               | 5/8/2019      |
| Methyl tert-butyl ether                 | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Styrene                                 | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Tetrachloroethene                       | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Toluene                                 | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Trichloroethene                         | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Vinyl chloride                          | ND     | 0.0075     | mg/Kg-dry      | 1               | 5/8/2019      |
| Xylenes, Total                          | ND     | 0.023      | mg/Kg-dry      | 1               | 5/8/2019      |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 |                | Date: 5/1/2019  | Analyst: DM   |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-dry      | 1               | 5/2/2019      |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-dry      | 1               | 5/2/2019      |

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Date Reported: May 09, 2019 **ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project:

Franklin (EB-1)

Lab ID:

19041196-008

Client Sample ID: 108

Collection Date: 4/29/2019 11:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualific    | er Units  | DF             | Date Analyzed      |
|---|--------|----------------|-----------|----------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: <b>DM</b> |
| Aniline                                 | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| Anthracene                              | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benz(a)anthracene                       | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzidine                               | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(a)pyrene                          | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(b)fluoranthene                    | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(g,h,i)perylene                    | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(k)fluoranthene                    | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzoic acid                            | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| Benzyl alcohol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-chloroethoxy)methane              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-chloroethyl)ether                 | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Bromophenyl phenyl ether              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Butyl benzyl phthalate                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Carbazole                               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chloroaniline                         | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chloro-3-methylphenol                 | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Chloronaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Chlorophenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Chrysene                                | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Dibenz(a,h)anthracene                   | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Dibenzofuran                            | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,2-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,3-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,4-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dichlorophenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Diethyl phthalate                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dimethylphenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Dimethyl phthalate                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dinitrophenol                       | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| 2.4-Dinitrotoluene                      | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| 2,6-Dinitrotoluene                      | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Di-n-butyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Di-n-octyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

May 09, 2019 Date Reported:

**ANALYTICAL RESULTS** 

**Date Printed:** May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order: 19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-008

Client Sample ID: 108

Collection Date: 4/29/2019 11:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qu        | alifier Units | DF                    | Date Analyze |
|---|--------|--------------|---------------|-----------------------|--------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3550 | )B) Prep      | Date: <b>5/1/2019</b> | Analyst: DM  |
| Fluoranthene                            | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Fluorene                                | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Hexachlorobenzene                       | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Hexachlorobutadiene                     | ND     | 0.21         | mg/Kg-dry     | 1                     | . 5/2/2019   |
| Hexachlorocyclopentadiene               | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Hexachloroethane                        | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Isophorone                              | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 2-Methylnaphthalene                     | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 2-Methylphenol                          | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 4-Methylphenol                          | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Naphthalene                             | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| 2-Nitroaniline                          | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 3-Nitroaniline                          | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 4-Nitroaniline                          | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 2-Nitrophenol                           | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 4-Nitrophenol                           | ND .   | 0.41         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Nitrobenzene                            | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| N-Nitrosodi-n-propylamine               | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| N-Nitrosodimethylamine                  | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| N-Nitrosodiphenylamine                  | ND     | 0.21         | mg/Kg-dry     | <b>`1</b>             | 5/2/2019     |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Pentachlorophenol                       | ND     | 0.082        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Phenanthrene                            | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Phenol                                  | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| Pyrene                                  | ND     | 0.041        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Pyridine                                | ND     | 0.82         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 2,4,5-Trichlorophenol                   | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| 2,4,6-Trichlorophenol                   | ND     | 0.21         | mg/Kg-dry     | 1                     | 5/2/2019     |
| PCBs                                    | SW8    | 082A (SW3550 | )B) Prep      | Date: 5/1/2019        | Analyst: EN  |
| Aroclor 1016                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Aroclor 1221                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Aroclor 1232                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Aroclor 1242                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Aroclor 1248                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Aroclor 1254                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |
| Aroclor 1260                            | ND     | 0.098        | mg/Kg-dry     | 1                     | 5/2/2019     |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project: Lab ID: Franklin (EB-1)

19041196-008

Client Sample ID: 108

Collection Date: 4/29/2019 11:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifi     | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/2/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/2/2019      |
| Toxaphene          | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Atuminum           | 15000  | 21             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 8.0    | 1.1            | mg/Kg-dry | - <b>10</b>    | 5/8/2019      |
| Barium             | 83     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Beryllium          | 0.95   | 0.53           | mg/Kg-dry | 10             | 5/8/2019      |
| Cadmium            | ND     | 0.53           | mg/Kg-dry | 10             | 5/8/2019      |
| Calcium            | 60000  | 63             | mg/Kg-dry | 10             | 5/8/2019      |
| Chromium           | 28     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Cobalt             | . 15   | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Copper             | 22     | 2.6            | mg/Kg-dry | 10             | 5/8/2019      |
| Iron               | 22000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 12     | 0.53           | mg/Kg-dry | 10             | 5/8/2019      |
| Magnesium          | 30000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 440    | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Nickel             | 39     | 1.1            | mg/Kg-dry | 10             | 5/8/2019      |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

**Project:** 

Franklin (EB-1)

Lab ID:

19041196-008

Client Sample ID: 108

Collection Date: 4/29/2019 11:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | (3050B)   | Prep      | Date: 5/4/2019 | Analyst: MDT  |
| Potassium             | 4500   | 32        |           | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1       | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Silver                | ND     | 1.1       | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| Sodium                | 180    | 63        | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.1       | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| Vanadium              | 29     | 1.1       | ı         | mg/Kg-dry | 10             | 5/8/2019      |
| Zinc                  | 51     | 5.3       | (         | mg/Kg-dry | 10             | 5/8/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      |           | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.55   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.016  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 3.7    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.048  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.024     | 1         | mg/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31      | 1         | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 5/2/2019 | Analyst: JT   |
| рН                    | 8.07   |           |           | pH Units  | 1              | 5/2/2019      |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041196 Revision 0

Project: Lab ID: Franklin (EB-1)

19041196-008

Client Sample ID: 108

Collection Date: 4/29/2019 11:00:00 AM

Matrix: Soil

Analyses Result RL Qualifier Units DF Date Analyzed

Percent Moisture Percent Moisture 18.9 0.2 \* wt% 1 5/2/2019

Qualifiers:

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Analysis Corporation STAT

CHAIN OF CUSTODY RECORD 2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com

100 ?-2-10 10 4 Tum Around Time (Days) Additional Information: Results Needed: Quote No.: P.O. No.: Nº: 921194 Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH G = Other  $D = H_2SO_4$  E = HCl F = 5035/EnCore Comments: HO+0721 81+721 4 1900 Containers Date/Time: 4/30 /19 /6:3 No. of 39/6/88 7 Date/Time: 4/39/19 Client Tracking No.: Preserv Qmb Date/Time: Date/Time: Сошр. Date/Time: Date/Time: Matrix 930 ago Ollo 3 200 100 Phone: Time Taken ofto e-mail: BUS Fax: Date Taken 40/5 [EB-1 Ş Client Sample Number/Description: FRINKLIN GEEN. EBSL elinquished by: (Signature) (Signature) clinquished by: (Signatu Received by: (Signature) cceived by: (Signature) Received by: (Signature Project Location: Project Number: Project Name: Report To: Sampler(s): QC Level: Company: 20 60 10 99 jo 167 108 3

#### Sample Receipt Checklist

| Client Name EGSL   |                         | Date and Tim | e Received:   | 4/30/2019 4:32:00 PM |
|--|-------------------------|--------------|---------------|----------------------|
| Work Order Number 19041196                                     |                         | Received by: | EAA           |                      |
| Checklist completed by: 4                                      | 430/19                  | Reviewed by: | Bry Initiats  | 4/30/14<br>Date      |
| Matrix: Carrier name   | ne <u>STAT Analysis</u> |              |               |                      |
| Shipping container/cooler in good condition?                   | Yes 🗹                   | No 🗆         | Not Present   |                      |
| Custody seals intact on shippping container/cooler?            | Yes 🗆                   | No 🗆         | Not Present   |                      |
| Custody seals intact on sample bottles?                        | Yes 🗌                   | No 🗆 .       | Not Present 🗹 |                      |
| Chain of custody present?                                      | Yes 🗹                   | No 🗆         |               |                      |
| Chain of custody signed when relinquished and received?        | Yes 🗹                   | No 🗆         |               | ٠                    |
| Chain of custody agrees with sample labels/containers?         | Yes 🗹                   | No 🗌         |               |                      |
| Samples in proper container/bottle?                            | Yes 🗹                   | No 🗆         |               |                      |
| Sample containers intact?                                      | Yes 🗹                   | No 🗆         |               | •                    |
| Sufficient sample volume for indicated test?                   | Yes 🗹                   | No 🗆         |               |                      |
| All samples received within holding time?                      | Yes 🗹                   | No 🗆         |               |                      |
| Container or Temp Blank temperature in compliance?             | Yes 🗹                   | No 🗆         | Temperature   | 4.1 °C               |
| Water - VOA vials have zero headspace? No VOA vials s          |                         | Yes 🖽        | No 🗟          |                      |
| Water - Samples pH checked?                                    | Yes 🖽                   | No 🖾         | Checked by:   |                      |
| Water - Samples properly preserved?                            | Yes 🖽                   | No 🖾         | pH Adjusted?  |                      |
| Any No response must be detailed in the comments section below | . <b></b>               |              |               |                      |
| Comments:  |                         |              |               |                      |
|  |                         |              |               |                      |
|  |                         |              |               |                      |
|  |                         |              |               |                      |
|  | •                       | ·            |               |                      |
| Client / Person Contacted: Date contacted:                     |                         | Conta        | acted by:     |                      |
| Response:  |                         |              |               |                      |
|  |                         |              |               |                      |
|  |                         |              |               |                      |
|  |                         |              |               |                      |

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May 09, 2019

Environmental Group Services, Ltd. 557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200 Fax: (312) 447-0922

Analytical Report for STAT Work Order: 19041193 Revision 0

RE: Franklin (EB-2)

Dear Environmental Group Services, Ltd.:

STAT Analysis received 8 samples for the referenced project on 4/30/2019 4:32:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entitles named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Date: May 09, 2019

Client: Environmental Group Services, Ltd.

**Project:** Franklin (EB-2) **Work Order:** 19041193 Revision 0

#### **Work Order Sample Summary**

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date       | Date Received |
|---------------|------------------|------------|-----------------------|---------------|
| 19041193-001A | 109              |            | 4/30/2019 8:00:00 AM  | 4/30/2019     |
| 19041193-001B | 109              |            | 4/30/2019 8:00:00 AM  | 4/30/2019     |
| 19041193-002A | 110              |            | 4/30/2019 8:30:00 AM  | 4/30/2019     |
| 19041193-002B | 110              |            | 4/30/2019 8:30:00 AM  | 4/30/2019     |
| 19041193-003A | 111              |            | 4/30/2019 9:00:00 AM  | 4/30/2019     |
| 19041193-003B | 111              |            | 4/30/2019 9:00:00 AM  | 4/30/2019     |
| 19041193-004A | 112              |            | 4/30/2019 9:30:00 AM  | 4/30/2019     |
| 19041193-004B | 112              |            | 4/30/2019 9:30:00 AM  | 4/30/2019     |
| 19041193-005A | 113              |            | 4/30/2019 10:00:00 AM | 4/30/2019     |
| 19041193-005B | 113              |            | 4/30/2019 10:00:00 AM | 4/30/2019     |
| 19041193-006A | 114              |            | 4/30/2019 10:30:00 AM | 4/30/2019     |
| 19041193-006B | 114              |            | 4/30/2019 10:30:00 AM | 4/30/2019     |
| 19041193-007A | 115              |            | 4/30/2019 11:00:00 AM | 4/30/2019     |
| 19041193-007B | 115              |            | 4/30/2019 11:00:00 AM | 4/30/2019     |
| 19041193-008A | 116              |            | 4/30/2019 11:30:00 AM | 4/30/2019     |
| 19041193-008B | 116              |            | 4/30/2019 11:30:00 AM | 4/30/2019     |

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Date Reported: May 09, 2019

ANALYTICAL RESULTS

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID: Franklin (EB-2)

19041193-001

Client Sample ID: 109

Collection Date: 4/30/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF                      | Date Analyzed |
|---|--------|------------|----------------|-------------------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep           | Date: <b>4/30/201</b> 9 | Analyst: AET  |
| Acetone                                 | ND     | 0.12       | mg/Kg-dry      | 1                       | 5/7/2019      |
| Benzene                                 | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Bromodichloromethane                    | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Bromoform                               | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Bromomethane                            | ND     | 0.016      | mg/Kg-dry      | 1                       | 5/7/2019      |
| 2-Butanone                              | ND     | 0.12       | mg/Kg-dry      | 1                       | 5/7/2019      |
| Carbon disulfide                        | ND     | 0.082      | mg/Kg-dry      | 1                       | 5/7/2019      |
| Carbon tetrachloride                    | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Chlorobenzene                           | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Chloroethane                            | ND     | 0.016      | mg/Kg-dry      | 1 、                     | 5/7/2019      |
| Chloroform                              | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Chloromethane                           | ND     | 0.016      | mg/Kg-dry      | 1                       | 5/7/2019      |
| Dibromochloromethane                    | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,1-Dichloroethane                      | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,2-Dichloroethane                      | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,1-Dichloroethene                      | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,2-Dichloropropane                     | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0033     | mg/Kg-dry      | 1                       | 5/7/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0033     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Ethylbenzene                            | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 2-Hexanone                              | ND     | 0.033      | mg/Kg-dry      | 1                       | 5/7/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.033      | mg/Kg-dry      | 1                       | 5/7/2019      |
| Methylene chloride                      | ND     | 0.016      | mg/Kg-dry      | 1                       | 5/7/2019      |
| Methyl tert-butyl ether                 | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Styrene                                 | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Tetrachloroethene                       | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Toluene                                 | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Trichloroethene                         | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Vinyl chloride                          | ND     | 0.0082     | mg/Kg-dry      | 1                       | 5/7/2019      |
| Xylenes, Total                          | ND     | 0.025      | mg/Kg-dry      | 1                       | 5/7/2019      |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 |                | Date: 5/1/2019          | Analyst: DM   |
| Acenaphthene                            | ND     | 0.041      | mg/Kg-dry      | 1                       | 5/2/2019      |
| Acenaphthylene                          | ND     | 0.041      | mg/Kg-dry      | 1                       | 5/2/2019      |

...

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 1904

19041193 Revision 0

Project: Lab ID: Franklin (EB-2)

19041193-001

Client Sample ID: 109

Collection Date: 4/30/2019 8:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qual       | ifier Units | DF                    | Date Analyzed |
|---|--------|---------------|-------------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550E |             | Date: <b>5/1/2019</b> | Analyst: DM   |
| Aniline                                 | ND     | 0.42          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Anthracene                              | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzidine                               | ND     | 0.41          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Carbazole                               | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.41          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Chrysene                                | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 1,3-Dichlorobenzene                     | МD     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.041         | mg/Kg-dry   | 1                     | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21          | mg/Kg-dry   | 1                     | 5/2/2019      |

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Date Reported: May 09, 2019 **Date Printed:** May 09, 2019 **ANALYTICAL RESULTS** 

**Client:** 

Environmental Group Services, Ltd.

Client Sample ID: 109

Work Order:

19041193 Revision 0

Collection Date: 4/30/2019 8:00:00 AM

Project:

Franklin (EB-2)

Matrix: Soil

| _   |     |              |
|-----|-----|--------------|
| Lab | ID: | 19041193-001 |

| Analyses                                | Result | RL Q       | ualifier | Units     | DF             | Date Analyzed |
|---|--------|------------|----------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW35 |          | •         | Date: 5/1/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| Fluorene                                | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| Isophorone                              | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Naphthalene                             | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.41       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.084      |          | mg/Kg-dry | 1              | 5/2/2019      |
| Phenanthrene                            | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| Phenol                                  | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| Pyrene                                  | ND     | 0.041      |          | mg/Kg-dry | 1              | 5/2/2019      |
| Pyridine                                | ND     | 0.84       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21       |          | mg/Kg-dry | 1              | 5/2/2019      |
| PCBs                                    | SW80   | 082A (SW35 | 50B)     | Prep      | Date: 5/1/2019 | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.10       |          | mg/Kg-dry | 1              | 5/1/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project: Franklin (EB-2)

**Lab ID:** 19041193-001

Client Sample ID: 109

Collection Date: 4/30/2019 8:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifi     | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4´-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4´-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4´-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.042          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum           | 11000  | 21             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 7.7    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Barium             | 59     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Beryllium          | 0.73   | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Cadmium            | ND     | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Calcium            | 69000  | 63             | mg/Kg-dry | 10             | 5/4/2019      |
| Chromium           | 23     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Cobalt             | 16     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Copper             | 35     | 2.6            | mg/Kg-dry | 10             | 5/4/2019      |
| Iron               | 23000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 17     | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Magnesium          | 33000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 500    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Nickel             | 42     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-001

Client Sample ID: 109

Collection Date: 4/30/2019 8:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW3 | 3050B)    | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Potassium             | 2400   | 32        | п         | ng/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Silver                | ND     | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Sodium                | 160    | 63        | n         | ng/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.1       | u         | ng/Kg-dry | 10             | 5/4/2019      |
| Vanadium              | 26     | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Zinc                  | 55     | 5.3       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A  | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      |           | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.54   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND.    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.037  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese ·           | 3.6    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.077  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | , ND   | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.022     | n         | ng/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.32      | n         | ng/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 5/1/2019 | Analyst: JLV  |
| pH                    | 8.00   |           | 1         | pH Units  | 1              | 5/1/2019      |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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E - Value above quantitation range

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-001

Client Sample ID: 109

Collection Date: 4/30/2019 8:00:00 AM

Matrix: Soil

| 15041155 005     |        |     |           |       |                |               |
|------------------|--------|-----|-----------|-------|----------------|---------------|
| Analyses         | Result | RL  | Qualifier | Units | DF             | Date Analyzed |
| Percent Moisture | D2974  |     |           | Prep  | Date: 5/1/2019 | Analyst: FN   |
| Percent Moisture | 20.7   | 0.2 | •         | wt%   | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-002

Client Sample ID: 110

Collection Date: 4/30/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier U | Jnits  | DF              | Date Analyzed |
|---|--------|------------|------------|--------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |            | Prep   | Date: 4/30/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.13       | mg/        | Kg-dry | 1               | 5/7/2019      |
| Benzene                                 | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Bromodichloromethane                    | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Bromoform                               | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Bromomethane                            | ND     | 0.018      | mg/        | Kg-dry | 1               | 5/7/2019      |
| 2-Butanone                              | ND     | 0.13       | mg/        | Kg-dry | 1               | 5/7/2019      |
| Carbon disulfide                        | ND     | 0.089      | mg/        | Kg-dry | 1               | 5/7/2019      |
| Carbon tetrachloride                    | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Chlorobenzene                           | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Chloroethane                            | ND     | 0.018      | mg/        | Kg-dry | 1               | 5/7/2019      |
| Chloroform                              | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Chloromethane                           | ND     | 0.018      | mg/        | Kg-dry | 1               | 5/7/2019      |
| Dibromochloromethane                    | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,1-Dichloroethane                      | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,2-Dichloroethane                      | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,1-Dichloroethene                      | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,2-Dichloropropane                     | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0036     | mg/        | Kg-dry | 1               | 5/7/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0036     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Ethylbenzene                            | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 2-Hexanone                              | ND     | 0.036      | mg/        | Kg-dry | 1               | 5/7/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.036      | mg/        | Kg-dry | 1               | 5/7/2019      |
| Methylene chloride                      | ND     | 0.018      | mg/        | Kg-dry | 1               | 5/7/2019      |
| Methyl tert-butyl ether                 | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Styrene                                 | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Tetrachloroethene                       | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Toluene                                 | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Trichloroethene                         | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Vinyl chloride                          | ND     | 0.0089     | mg/        | Kg-dry | 1               | 5/7/2019      |
| Xylenes, Total                          | ND     | 0.027      | mg/        | Kg-dry | 1               | 5/7/2019      |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 550B)      | Prep   | Date: 5/1/2019  | Analyst: DM   |
| Acenaphthene                            | ND     | 0.040      | mg/        | Kg-dry | 1               | 5/2/2019      |
| Acenaphthylene                          | ND     | 0.040      | mg/        | Kg-dry | 1               | 5/2/2019      |

ND - I

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Date Reported: May 09, 2019 May 09, 2019 **ANALYTICAL RESULTS** 

**Date Printed:** 

**Client:** 

Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID: 19041193-002 Client Sample ID: 110

Collection Date: 4/30/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualif      | ier Units | DF                    | Date Analyzed |
|---|--------|----------------|-----------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS |        | .70C (SW3550B) | Prep (    | Date: <b>5/1/2019</b> | Analyst: DM   |
| Aniline                                 | ND     | 0.40           | mg/Kg-dry | 1                     | 5/2/2019      |
| Anthracene                              | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzidine                               | ND     | 0.40           | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzo(a)pyrene                          | ND .   | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0            | mg/Kg-dry | 1                     | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ·ND    | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0            | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Carbazole                               | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.40           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Chrysene                                | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0            | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |

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Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-002

Client Sample ID: 110

Collection Date: 4/30/2019 8:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifie    | er Units  | DF             | Date Analyzed      |
|---|--------|----------------|-----------|----------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: <b>DM</b> |
| Fluoranthene                            | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Fluorene                                | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Hexachlorobenzene                       | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Hexachlorobutadiene                     | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Hexachlorocyclopentadiene               | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Hexachloroethane                        | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Isophorone                              | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Methylnaphthalene                     | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Methylphenol                          | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Methylphenol                          | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 3-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Nitrophenol                           | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019           |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| N-Nitrosodimethylamine                  | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| N-Nitrosodiphenylamine                  | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Pentachlorophenol                       | ND     | 0.080          | mg/Kg-dry | 1              | 5/2/2019           |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Phenol                                  | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| Pyrene                                  | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Pyridine                                | ND     | 0.80           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4,5-Trichlorophenol                   | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4,6-Trichlorophenol                   | ND     | 0.20           | mg/Kg-dry | 1              | 5/2/2019           |
| PCBs                                    |        | 82A (SW3550B)  | Prep      | Date: 5/1/2019 | Analyst: EN        |
| Aroclor 1016                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |
| Aroclor 1221                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |
| Aroclor 1232                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |
| Aroclor 1242                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |
| Aroclor 1248                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |
| Aroclor 1254                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |
| Aroclor 1260                            | ND     | 0.096          | mg/Kg-dry | 1              | 5/1/2019           |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Work Order: Environmental Group Services, Ltd.

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-002

Client Sample ID: 110

Collection Date: 4/30/2019 8:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Quali      | fier Units | DF                    | Date Analyzed |
|--------------------|--------|---------------|------------|-----------------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B | ) Prep     | Date: 5/1/2019        | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aldrin             | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| alpha-BHC          | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| beta-BHC           | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Chlordane          | ND     | 0.019         | mg/Kg-dry  | 1                     | 5/1/2019      |
| delta-BHC          | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Dieldrin           | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Endosulfan I       | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Endosulfan II      | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Endrin             | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Endrin ketone      | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| gamma-BHC          | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Heptachlor         | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Methoxychlor       | ND     | 0.0019        | mg/Kg-dry  | 1                     | 5/1/2019      |
| Toxaphene          | ND     | 0.040         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B | ) Prep     | Date: <b>5/3/2019</b> | Analyst: MDT  |
| Aluminum           | 13000  | 21            | mg/Kg-dry  | 10                    | 5/8/2019      |
| Antimony           | ND     | 2.1           | mg/Kg-dry  | 10                    | 5/8/2019      |
| Arsenic            | 7.1    | 1.0           | mg/Kg-dry  | 10                    | 5/4/2019      |
| Barium             | 110    | 1.0           | mg/Kg-dry  | 10                    | 5/4/2019      |
| Beryllium          | 0.95   | 0.52          | mg/Kg-dry  | 10                    | 5/4/2019      |
| Cadmium            | ND     | 0.52          | mg/Kg-dry  | 10                    | 5/4/2019      |
| Calcium            | 64000  | 62            | mg/Kg-dry  | 10                    | 5/4/2019      |
| Chromium           | 30     | 1.0           | mg/Kg-dry  | 10                    | 5/4/2019      |
| Cobalt             | 16     | 1.0           | mg/Kg-dry  | 10                    | 5/4/2019      |
| Copper             | 40     | 2.6           | mg/Kg-dry  | 10                    | 5/4/2019      |
| Iron               | 26000  | 31            | mg/Kg-dry  | 10                    | 5/8/2019      |
| Lead               | 18     | 0.52          | mg/Kg-dry  | 10                    | 5/4/2019      |
| Magnesium          | 27000  | 31            | mg/Kg-dry  | 10                    | 5/8/2019      |
| Manganese          | 550    | 1.0           | mg/Kg-dry  | 10                    | 5/4/2019      |
| Nickel             | 48     | 1.0           | mg/Kg-dry  | 10                    | 5/4/2019      |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-002

Client Sample ID: 110

Collection Date: 4/30/2019 8:30:00 AM

Matrix: Soil

| Analyses              | Result | RL         | Qualifier | Units     | DF             | Date Analyzed       |
|-----------------------|--------|------------|-----------|-----------|----------------|---------------------|
| Metals by ICP/MS      | SW6    | 020A (SW   | 3050B)    | Prep      | Date: 5/3/2019 | Analyst: MDT        |
| Potassium             | 3200   | 31         | I         | mg/Kg-dry | 10             | 5/8/2019            |
| Selenium              | ND     | 1.0        | I         | mg/Kg-dry | 10             | 5/4/2019            |
| Silver                | ND     | 1.0        | I         | mg/Kg-dry | 10             | 5/4/2019            |
| Sodium                | 160    | 62         | I         | mg/Kg-dry | 10             | 5/8/2019            |
| Thallium              | ND     | 1.0        | I         | mg/Kg-dry | 10             | 5/4/2019            |
| Vanadium              | 29     | . 1.0      | I         | mg/Kg-dry | 10             | 5/4/2019            |
| Zinc                  | 61     | 5.2        | I         | mg/Kg-dry | 10             | 5/4/2019            |
| TCLP Metals by ICP/MS | SW1    | 311/6020A  | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT        |
| Aluminum              | ND     | 0.10       | •         | mg/L      | 5              | 5/8/2019            |
| Antimony              | ND     | 0.015      |           | mg/L      | 5              | 5/8/2019            |
| Arsenic               | ND     | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Barium                | 0.44   | 0.050      |           | mg/L      | 5              | 5/5/2019            |
| Beryllium             | ND     | 0.0050     |           | mg/L      | 5              | 5/5/2019            |
| Cadmium               | ND     | 0.0050     |           | mg/L      | 5              | 5/5/2019            |
| Chromium              | ND     | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Cobalt                | 0.020  | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Copper .              | ND     | 0.10       |           | mg/L      | 5              | 5/5/2019            |
| Iron                  | ND     | 0.25       |           | mg/L      | 5              | 5/5/2019            |
| Lead                  | ND     | 0.0050     |           | mg/L      | 5              | 5/5/2019            |
| Manganese             | 3.0    | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Nickel                | 0.053  | 0.020      |           | mg/L      | 5              | 5/5/2019            |
| Selenium              | ND     | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Silver                | ND     | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Thallium              | ND     | 0.0050     |           | mg/L      | 5              | 5/5/2019            |
| Vanadium              | ND     | 0.010      |           | mg/L      | 5              | 5/5/2019            |
| Zinc                  | ND     | 0.050      |           | mg/L      | 5              | 5/5/2019            |
| TCLP Mercury          | SW1    | 311/7470A  |           | Prep      | Date: 5/3/2019 | Analyst: LB         |
| Mercury               | ND     | 0.00020    |           | mg/L      | 1              | 5/3/2019            |
| Mercury               | SW7    | 471B       |           | Prep      | Date: 5/6/2019 | Analyst: LB         |
| Mercury               | ND     | 0.022      | 1         | mg/Kg-dry | 1              | 5/6/2019            |
| Cyanide, Total        | SW9    | 012A       |           | Prep      | Date: 5/5/2019 | Analyst: MD         |
| Cyanide               | ND     | 0.30       | ı         | mg/Kg-dry | 1              | 5/5/2019            |
| pH (25 °C)            | SW9    | 045C       |           | Prep      | Date: 5/1/2019 | Analyst: <b>JLV</b> |
| pH                    | 8.08   |            |           | pH Units  | 1              | 5/1/2019            |
| Percent Moisture      | D297   | <b>'</b> 4 |           | Prep      | Date: 5/1/2019 | Analyst: FN         |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lah ID:

19041193-002

Client Sample ID: 110

Collection Date: 4/30/2019 8:30:00 AM

Matrix: Soil

| <b>Lau ID</b> . 190411934 | 002    |      |           |       |                |               |
|---------------------------|--------|------|-----------|-------|----------------|---------------|
| Analyses                  | Result | RL ( | Qualifier | Units | DF             | Date Analyzed |
| Percent Moisture          | D2974  |      |           | Prep  | Date: 5/1/2019 | Analyst: FN   |
| Percent Moisture          | 17.6   | 0.2  | •         | wt%   | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

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**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

**Project:** 

Franklin (EB-2)

Lab ID:

19041193-003

Client Sample ID: 111

Collection Date: 4/30/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qu       | alifier Units | DF             | Date Analyzed  |
|---|--------|-------------|---------------|----------------|----------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B   | Pre           | Date: 4/30/201 | 9 Analyst: AET |
| Acetone                                 | ND     | 0.092       | mg/Kg-dry     | 1              | 5/7/2019       |
| Benzene                                 | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Bromodichloromethane                    | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Bromoform                               | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Bromomethane                            | ND     | 0.012       | mg/Kg-dry     | 1              | 5/7/2019       |
| 2-Butanone                              | ND     | 0.092       | mg/Kg-dry     | 1              | 5/7/2019       |
| Carbon disulfide                        | ND     | 0.061       | mg/Kg-dry     | 1              | 5/7/2019       |
| Carbon tetrachloride                    | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Chlorobenzene                           | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Chloroethane                            | ND     | 0.012       | mg/Kg-dry     | 1              | 5/7/2019       |
| Chloroform                              | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Chloromethane                           | ND     | 0.012       | mg/Kg-dry     | 1              | 5/7/2019       |
| Dibromochloromethane                    | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,1-Dichloroethane                      | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,2-Dichloroethane                      | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,1-Dichloroethene                      | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| cis-1,2-Dichloroethene                  | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| trans-1,2-Dichloroethene                | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,2-Dichloropropane                     | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| cis-1,3-Dichloropropene                 | ND     | 0.0024      | mg/Kg-dry     | 1              | 5/7/2019       |
| trans-1,3-Dichloropropene               | ND     | 0.0024      | mg/Kg-dry     | 1              | 5/7/2019       |
| Ethylbenzene                            | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 2-Hexanone                              | ND     | 0.024       | mg/Kg-dry     | 1              | 5/7/2019       |
| 4-Methyl-2-pentanone                    | ND     | 0.024       | mg/Kg-dry     | 1 '            | 5/7/2019       |
| Methylene chloride                      | ND     | 0.012       | mg/Kg-dry     | 1              | 5/7/2019       |
| Methyl tert-butyl ether                 | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Styrene                                 | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Tetrachloroethene                       | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Toluene                                 | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,1,1-Trichloroethane                   | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| 1,1,2-Trichloroethane                   | . ND   | 0.0061      | mg/Kg-dry     |                | 5/7/2019       |
| Trichloroethene                         | ND     | 0.0061      | mg/Kg-dry     |                | 5/7/2019       |
| Vinyl chloride                          | ND     | 0.0061      | mg/Kg-dry     | 1              | 5/7/2019       |
| Xylenes, Total                          | ND     | 0.018       | mg/Kg-dry     | 1              | 5/7/2019       |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW355 |               | Date: 5/1/2019 | Analyst: DM    |
| Acenaphthene                            | ND     | 0.041       | mg/Kg-dry     | 1              | 5/2/2019       |
| Acenaphthylene                          | ND     | 0.041       | mg/Kg-dry     | 1              | 5/2/2019       |

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019 ANALYTICAL RESULTS

Date I I III co. 171ay 03, 2

Client: Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project: Franklin (EB-2)

**Lab ID:** 19041193-003

Client Sample ID: 111

Collection Date: 4/30/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qu       | ıalifier Units    | DF             | Date Analyzed |
|---|--------|-------------|-------------------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW355 | i <b>0B)</b> Prep | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.41        | mg/Kg-dry         | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.41        | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | · ND   | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0         | mg/Kg-dry         | 1              | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0         | mg/Kg-dry         | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.41        | mg/Kg-dry         | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21        | mg/Kg-dry         | 1 ′            | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41        | mg/Kg-dry         | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0         | mg/Kg-dry         | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.041       | mg/Kg-dry         | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21        | mg/Kg-dry         | 1              | 5/2/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** May 09, 2019

Client:

Environmental Group Services, Ltd.

19041193 Revision 0 Work Order:

Project:

Franklin (EB-2)

Lab ID:

19041193-003

Client Sample ID: 111

Collection Date: 4/30/2019 9:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualific    | er Units  | DF             | Date Analyzed |
|---|--------|----------------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Fluorene                                | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Naphthalene                             | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.082          | mg/Kg-dry | 1              | 5/2/2019      |
| Phenanthrene                            | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| Pyrene                                  | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019      |
| Pyridine                                | ND     | 0.82           | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019      |
| PCBs                                    |        | 082A (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.099          | mg/Kg-dry | 1              | 5/1/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-003

Client Sample ID: 111

Collection Date: 4/30/2019 9:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4´-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4´-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4´-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum           | 14000  | 23             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.3            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 9.0    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Barium             | 94     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Beryllium          | 0.99   | 0.57           | mg/Kg-dry | 10             | 5/4/2019      |
| Cadmium            | ND     | 0.57           | mg/Kg-dry | 10             | 5/4/2019      |
| Calcium            | 83000  | 68             | mg/Kg-dry | 10             | 5/4/2019      |
| Chromium           | 34     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Cobalt             | 19     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Copper             | 27     | 2.8            | mg/Kg-dry | 10             | 5/4/2019      |
| Iron               | 23000  | 34             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 16     | 0.57           | mg/Kg-dry | 10             | 5/4/2019      |
| Magnesium          | 31000  | 34             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 600    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Nickel             | 51     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID:

Franklin (EB-2)

19041193-003

Client Sample ID: 111

Collection Date: 4/30/2019 9:00:00 AM

Matrix: Soil

| Analyses              | Result   | RL         | Qualifier Units     | DF             | Date Analyzed |
|-----------------------|----------|------------|---------------------|----------------|---------------|
| Metals by ICP/MS      | ,<br>SW6 | 6020A (SW3 | 8 <b>050B)</b> Prep | Date: 5/3/2019 | Analyst: MDT  |
| Potassium             | 3600     | 34         | mg/Kg-dry           | 10             | 5/8/2019      |
| Selenium              | ND       | 1.1        | mg/Kg-dry           | 10             | 5/4/2019      |
| Silver                | ND       | 1.1        | mg/Kg-dry           | - 10           | 5/4/2019      |
| Sodium                | 170      | 68         | mg/Kg-dry           | 10             | 5/8/2019      |
| Thallium              | ND       | 1.1        | mg/Kg-dry           | 10             | 5/4/2019      |
| Vanadium              | 33       | 1.1        | mg/Kg-dry           | 10             | 5/4/2019      |
| Zinc                  | 64       | 5.7        | mg/Kg-dry           | 10             | 5/4/2019      |
| TCLP Metals by ICP/MS | SW1      | 1311/6020A | (SW3005A) Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND       | 0.10       | mg/L                | 5              | 5/8/2019      |
| Antimony              | ND       | 0.015      | mg/L                | 5              | 5/8/2019      |
| Arsenic               | · ND     | 0.010      | mg/L                | 5              | 5/5/2019      |
| Barium                | 0.34     | 0.050      | mg/L                | 5              | 5/5/2019      |
| Beryllium             | ND       | 0.0050     | mg/L                | 5              | 5/5/2019      |
| Cadmium               | ND       | 0.0050     | mg/L                | 5              | 5/5/2019      |
| Chromium              | ND       | 0.010      | mg/L                | 5              | 5/5/2019      |
| Cobalt                | 0.023    | 0.010      | mg/L                | 5              | 5/5/2019      |
| Copper                | ND       | 0.10       | mg/L                | 5              | 5/5/2019      |
| Iron                  | ND       | 0.25       | mg/L                | 5              | 5/5/2019      |
| Lead                  | , ND     | 0.0050     | mg/L                | 5              | 5/5/2019      |
| Manganese             | 3.7      | 0.010      | mg/L                | 5              | 5/5/2019      |
| Nickel                | 0.055    | 0.020      | mg/L                | 5              | 5/5/2019      |
| Selenium              | ND       | 0.010      | mg/L                | 5              | 5/5/2019      |
| Silver                | · ND     | 0.010      | . mg/L              | 5              | 5/5/2019      |
| Thallium              | ND       | 0.0050     | mg/L                | 5              | 5/5/2019      |
| Vanadium              | ND       | 0.010      | mg/L                | 5              | 5/5/2019      |
| Zinc                  | ND       | 0.050      | mg/L                | 5              | 5/5/2019      |
| TCLP Mercury          | SW1      | 311/7470A  | Prep                | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND       | 0.00020    | mg/L                | 1              | 5/3/2019      |
| Mercury               | SW7      | 471B       | Prep                | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND       | 0.022      | mg/Kg-dry           | 1              | 5/6/2019      |
| Cyanide, Total        | SWS      | 012A       | Prep                | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND .     | 0.31       | mg/Kg-dry           | 1              | 5/5/2019      |
| pH (25 °C)            | SWS      | 045C       | Prep                | Date: 5/1/2019 | Analyst: JLV  |
| рН                    | 7.93     |            | pH Units            | 1              | 5/1/2019      |
| Percent Moisture      | D29      | 74         | Prep                | Date: 5/1/2019 | Analyst: FN   |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-003

Client Sample ID: 111

Collection Date: 4/30/2019 9:00:00 AM

Matrix: Soil

| Eab 10: 190 (1195 005 | <u></u> |     |           |       |                |               |
|-----------------------|---------|-----|-----------|-------|----------------|---------------|
| Analyses              | Result  | RL  | Qualifier | Units | DF             | Date Analyzed |
| Percent Moisture      | D2974   |     |           | Prep  | Date: 5/1/2019 | Analyst: FN   |
| Percent Moisture      | 19.9    | 0.2 | •         | wt%   | 1              | 5/2/2019      |

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ANALYTICAL RESULTS

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Client:

Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-004

Client Sample ID: 112

Collection Date: 4/30/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | Qualifier Un | its   | DF              | Date Analyzed |
|---|--------|------------|--------------|-------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |              | Prep  | Date: 4/30/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.10       | mg/K         | g-dry | 1               | 5/7/2019      |
| Benzene                                 | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Bromodichloromethane                    | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Bromoform                               | ND     | 0.0066     | mg/Kg        | g-dry | 1               | 5/7/2019      |
| Bromomethane                            | ND     | 0.013      | mg/Kg        | g-dry | 1               | 5/7/2019      |
| 2-Butanone                              | ND     | 0.10       | mg/Kg        | g-dry | 1               | 5/7/2019      |
| Carbon disulfide                        | ND     | 0.066      | mg/K         | g-dry | 1               | 5/7/2019      |
| Carbon tetrachloride                    | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Chlorobenzene                           | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Chloroethane                            | ND     | 0.013      | mg/K         | g-dry | 1               | 5/7/2019      |
| Chloroform                              | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Chloromethane                           | ND     | 0.013      | mg/K         | g-dry | 1               | 5/7/2019      |
| Dibromochloromethane                    | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 1,1-Dichloroethane                      | ND     | 0.0066     | mg/Kg        | g-dry | 1               | 5/7/2019      |
| 1,2-Dichloroethane                      | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 1,1-Dichloroethene                      | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 1,2-Dichloropropane                     | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0027     | mg/K         | g-dry | 1               | 5/7/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0027     | mg/Kg        | g-dry | 1               | 5/7/2019      |
| Ethylbenzene                            | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 2-Hexanone                              | ND     | 0.027      | mg/K         | g-dry | 1               | 5/7/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.027      | mg/K         | g-dry | 1               | 5/7/2019      |
| Methylene chloride                      | ND     | 0.013      | mg/K         | g-dry | 1               | 5/7/2019      |
| Methyl tert-butyl ether                 | ND     | 0.0066     | mg/Kg        | g-dry | 1               | 5/7/2019      |
| Styrene                                 | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0066     | mg/Kg        | g-dry | 1               | 5/7/2019      |
| Tetrachloroethene                       | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Toluene                                 | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Trichloroethene                         | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Vinyl chloride                          | ND     | 0.0066     | mg/K         | g-dry | 1               | 5/7/2019      |
| Xylenes, Total                          | ND     | 0.020      | mg/K         | g-dry | 1               | 5/7/2019      |
| Semivolatile Organic Compounds by GC/MS |        | 270C (SW35 |              | •     | Date: 5/1/2019  | Analyst: DM   |
| Acenaphthene                            | ND     | 0.041      | mg/K         | •     | 1               | 5/2/2019      |
| Acenaphthylene                          | ND     | 0.041      | mg/K         | g-dry | 1               | 5/2/2019      |

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Date Reported: M

May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-004

Client Sample ID: 112

Collection Date: 4/30/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifie    | r Units   | DF             | Date Analyzed      |
|---|--------|----------------|-----------|----------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) | •         | Date: 5/1/2019 | Analyst: <b>DM</b> |
| Aniline                                 | ND     | 0.42           | mg/Kg-dry | 1              | 5/2/2019           |
| Anthracene                              | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benz(a)anthracene                       | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzidine                               | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(a)pyrene                          | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(b)fluoranthene                    | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(g,h,i)perylene                    | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(k)fluoranthene                    | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzoic acid                            | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| Benzyl alcohol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-chloroethoxy)methane              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-chloroethyl)ether                 | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Bromophenyl phenyl ether              | ND     | 0.21           | mg/Kg-dry | 1 '            | 5/2/2019           |
| Butyl benzyl phthalate                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Carbazole                               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chloroaniline                         | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chloro-3-methylphenol                 | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Chloronaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Chlorophenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Chrysene                                | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Dibenz(a,h)anthracene                   | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Dibenzofuran                            | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,2-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,3-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,4-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dichlorophenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Diethyl phthalate                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dimethylphenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Dimethyl phthalate                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.41           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dinitrophenol                       | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dinitrotoluene                      | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| 2,6-Dinitrotoluene                      | ND     | 0.041          | mg/Kg-dry | 1              | 5/2/2019           |
| Di-n-butyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Di-n-octyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed:

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-004

Client Sample ID: 112

Collection Date: 4/30/2019 9:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualific   | er Units  | DF             | Date Analyzed |
|---|--------|---------------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 70C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: DM   |
| Fluoranthene                            | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| Fluorene                                | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobenzene                       | ND     | · 0.21        | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| Isophorone                              | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Naphthalene                             | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.41          | mg/Kg-dry | 1              | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Pentachiorophenol                       | ND     | 0.084         | mg/Kg-dry | 1              | 5/2/2019      |
| Phenanthrene                            | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| Phenol                                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| Pyrene                                  | ND     | 0.041         | mg/Kg-dry | 1              | 5/2/2019      |
| Pyridine                                | ND     | 0.84          | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21          | mg/Kg-dry | 1              | 5/2/2019      |
| PCBs                                    |        | 82A (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1254                            | , ND   | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.10          | mg/Kg-dry | 1              | 5/1/2019      |

ND - Not Detected at the Reporting Limit

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HT - Sample received past holding time

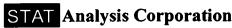
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May 09, 2019 Date Reported: **Date Printed:** May 09, 2019

**ANALYTICAL RESULTS** 

Environmental Group Services, Ltd.

19041193 Revision 0 Work Order:

Project:

Franklin (EB-2)

Lab ID:

Client:

19041193-004

Client Sample ID: 112

Collection Date: 4/30/2019 9:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualifie    | r Units   | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.041          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum           | 13000  | 22             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.2            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 5.3    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Barium             | 73     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Beryllium          | 0.78   | 0.55           | mg/Kg-dry | 10             | 5/4/2019      |
| Cadmium            | ND     | 0.55           | mg/Kg-dry | 10             | 5/4/2019      |
| Calcium            | 69000  | 66             | mg/Kg-dry | 10             | 5/4/2019      |
| Chromium           | 27     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Cobalt             | 16     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Copper             | 29     | 2.8            | mg/Kg-dry | 10             | 5/4/2019      |
| Iron               | 23000  | 33             | mg/Kg-dry | 10             | 5/8/2019      |
| Lead               | 14     | 0.55           | mg/Kg-dry | 10             | 5/4/2019      |
| Magnesium          | 32000  | 33             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 550    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Nickel             | 40     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-004

Client Sample ID: 112

Collection Date: 4/30/2019 9:30:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Potassium             | 3100   | 33        |           | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.1       |           | mg/Kg-dry | 10             | 5/4/2019      |
| Silver                | ND     | 1.1       |           | mg/Kg-dry | 10             | 5/4/2019      |
| Sodium                | 160    | 66        |           | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | · ND   | 1.1       |           | mg/Kg-dry | 10             | 5/4/2019      |
| Vanadium              | 27     | 1.1       |           | mg/Kg-dry | 10             | 5/4/2019      |
| Zinc                  | 55     | 5.5       |           | mg/Kg-dry | 10             | 5/4/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      |           | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium ·              | 0.59   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.039  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 4.1    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.082  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.022     |           | mg/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      | •         | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.32      |           | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 5/1/2019 | Analyst: JLV  |
| рН                    | 8.00   |           |           | pH Units  | 1              | 5/1/2019      |
| Percent Moisture      | D297   | <b>'4</b> |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID: Franklin (EB-2) 19041193-004 Client Sample ID: 112

Collection Date: 4/30/2019 9:30:00 AM

Matrix: Soil

Analyses Result RL Qualifier Units DF Date Analyzed

Percent Moisture Percent Moisture 20.9 0.2 \* wt% 1 5/2/2019

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client: Environment

Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project:

Franklin (EB-2)

**Lab ID:** 19041193-005

Client Sample ID: 113

Collection Date: 4/30/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units     | DF              | Date Analyzed |
|---|--------|------------|----------|-----------|-----------------|---------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep      | Date: 4/30/2019 | Analyst: AET  |
| Acetone                                 | ND     | 0.22       | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Benzene                                 | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Bromodichloromethane                    | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Bromoform                               | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Bromomethane                            | ND     | 0.029      | п        | ng/Kg-dry | 1               | 5/7/2019      |
| 2-Butanone                              | ND     | 0.22       | п        | ng/Kg-dry | 1               | 5/7/2019      |
| Carbon disulfide                        | ND     | 0.14       | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Carbon tetrachloride                    | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Chlorobenzene                           | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Chloroethane                            | ND     | 0.029      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Chloroform                              | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Chloromethane                           | ND     | 0.029      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| Dibromochloromethane                    | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| 1,1-Dichloroethane                      | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| 1,2-Dichloroethane                      | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| 1,1-Dichloroethene                      | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| cis-1,2-Dichloroethene                  | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| trans-1,2-Dichloroethene                | ND     | 0.014      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| 1,2-Dichloropropane                     | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| cis-1,3-Dichloropropene                 | ND     | 0.0058     |          | ng/Kg-dry | 1               | 5/7/2019      |
| trans-1,3-Dichloropropene               | ND     | 0.0058     | п        | ng/Kg-dry | 1               | 5/7/2019      |
| Ethylbenzene                            | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| 2-Hexanone                              | ND     | 0.058      | n        | ng/Kg-dry | 1               | 5/7/2019      |
| 4-Methyl-2-pentanone                    | ND     | 0.058      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Methylene chloride                      | ND     | 0.029      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Methyl tert-butyl ether                 | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Styrene                                 | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Tetrachloroethene                       | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Toluene                                 | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| 1,1,1-Trichloroethane                   | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| 1,1,2-Trichloroethane                   | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Trichloroethene                         | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Vinyl chloride                          | ND     | 0.014      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Xylenes, Total                          | ND     | 0.043      |          | ng/Kg-dry | 1               | 5/7/2019      |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B)     | Prep      | Date: 5/1/2019  | Analyst: DM   |
| Acenaphthene                            | ND     | 0.040      | •        | ng/Kg-dry | 1               | 5/2/2019      |
| Acenaphthylene                          | ND     | 0.040      | n        | ng/Kg-dry | 1               | 5/2/2019      |

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Date Reported: May 09, 2019 **Date Printed:** May 09, 2019

**ANALYTICAL RESULTS** 

Client: Work Order: Environmental Group Services, Ltd.

19041193 Revision 0

**Project:** Lab ID:

Franklin (EB-2)

19041193-005

Client Sample ID: 113

Collection Date: 4/30/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifi     | er Units  | DF             | Date Analyzed      |
|---|--------|----------------|-----------|----------------|--------------------|
| Semivolatile Organic Compounds by GC/MS | s swaz | 270C (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: <b>DM</b> |
| Aniline                                 | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019           |
| Anthracene                              | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Benz(a)anthracene                       | NĐ     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzidine                               | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(a)pyrene                          | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(b)fluoranthene                    | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(g,h,i)perylene                    | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzo(k)fluoranthene                    | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Benzoic acid                            | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| Benzyl alcohol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-chloroethoxy)methane              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-chloroethyl)ether                 | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Bromophenyl phenyl ether              | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Butyl benzyl phthalate                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Carbazole                               | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chloroaniline                         | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chloro-3-methylphenol                 | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Chloronaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2-Chlorophenol                          | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Chrysene                                | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Dibenz(a,h)anthracene                   | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Dibenzofuran                            | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,2-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,3-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 1,4-Dichlorobenzene                     | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dichlorophenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Diethyl phthalate                       | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dimethylphenol                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Dimethyl phthalate                      | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40           | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dinitrophenol                       | ND     | 1.0            | mg/Kg-dry | 1              | 5/2/2019           |
| 2,4-Dinitrotoluene                      | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| 2,6-Dinitrotoluene                      | ND     | 0.040          | mg/Kg-dry | 1              | 5/2/2019           |
| Di-n-butyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |
| Di-n-octyl phthalate                    | ND     | 0.21           | mg/Kg-dry | 1              | 5/2/2019           |

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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

**Project:** Lab ID:

Franklin (EB-2)

19041193-005

Client Sample ID: 113

Collection Date: 4/30/2019 10:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualif      | ier Units   | DF                    | Date Analyzed |
|---|--------|----------------|-------------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW3550B) |             | Date: <b>5/1/2019</b> | Analyst: DM   |
| Fluoranthene                            | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Fluorene                                | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry . | 1                     | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry   | · 1                   | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.081          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| Pyrene                                  | ND     | 0.040          | mg/Kg-dry   | 1                     | 5/2/2019      |
| Pyridine                                | ND     | 0.81           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry   | 1                     | 5/2/2019      |
| PCBs                                    | SW80   | 82A (SW3550B)  | Prep        | Date: <b>5/1/2019</b> | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.098          | mg/Kg-dry   | 1                     | 5/1/2019      |

Qualifiers:

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Client Sample ID: 113

Collection Date: 4/30/2019 10:00:00 AM

Matrix: Soil

| Lab ID: 19041193-005 |        | iviatrix: Soii |           |                |               |  |  |  |
|----------------------|--------|----------------|-----------|----------------|---------------|--|--|--|
| Analyses             | Result | RL Qualifie    | er Units  | DF             | Date Analyzed |  |  |  |
| Pesticides           | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |  |  |  |
| 4,4´-DDD             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| 4,4'-DDE             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| 4,4'-DDT             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Aldrin               | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| alpha-BHC            | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| alpha-Chlordane      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| beta-BHC             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Chlordane            | ND     | 0.020          | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| delta-BHC            | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Dieldrin             | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Endosulfan I         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Endosulfan II        | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Endosulfan sulfate   | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Endrin               | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Endrin aldehyde      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Endrin ketone        | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| gamma-BHC            | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| gamma-Chlordane      | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Heptachlor           | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Heptachlor epoxide   | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Methoxychlor         | ND     | 0.0020         | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Toxaphene            | ND     | 0.040          | mg/Kg-dry | 1              | 5/1/2019      |  |  |  |
| Metals by ICP/MS     | SW6    | 020A (SW3050B) | Prep      | Date: 5/3/2019 | Analyst: MDT  |  |  |  |
| Aluminum             | 13000  | 21             | mg/Kg-dry | 10             | 5/8/2019      |  |  |  |
| Antimony             | ND     | 2.1            | mg/Kg-dry | 10             | 5/8/2019      |  |  |  |
| Arsenic              | 8.7    | 1.0            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Barium               | 90     | 1.0            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Beryllium            | 0.93   | 0.51           | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Cadmium              | ND     | 0.51           | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Calcium              | 80000  | 62             | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Chromium             | 31     | 1.0            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Cobalt               | 15     | 1.0            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Copper               | 28     | 2.6            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Iron                 | 23000  | 31             | mg/Kg-dry | 10             | 5/8/2019      |  |  |  |
| Lead                 | 15     | 0.51           | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Magnesium            | 30000  | 31             | mg/Kg-dry | 10             | 5/8/2019      |  |  |  |
| Manganese            | 580    | 1.0            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |
| Nickel               | 44     | 1.0            | mg/Kg-dry | 10             | 5/4/2019      |  |  |  |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID: Franklin (EB-2) 19041193-005 Client Sample ID: 113

Collection Date: 4/30/2019 10:00:00 AM

Matrix: Soil

| Analyses              | Result | · RL      | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Potassium             | 3100   | 31        |           | mg/Kg-dry | 10             | 5/8/2019      |
| Selenium              | ND     | 1.0       | 1         | mg/Kg-dry | 10             | 5/4/2019      |
| Silver                | ND     | 1.0       | 1         | mg/Kg-dry | 10             | 5/4/2019      |
| Sodium                | 170    | 62        | 1         | mg/Kg-dry | 10             | 5/8/2019      |
| Thallium              | ND     | 1.0       | 1         | mg/Kg-dry | 10             | 5/4/2019      |
| Vanadium              | 31     | 1.0       | 1         | mg/Kg-dry | 10             | 5/4/2019      |
| Zinc                  | 60     | 5.1       | ı         | mg/Kg-dry | 10             | 5/4/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      | ·         | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.41   | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.020  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 3.6    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nicket                | 0.063  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.022     | • 1       | mg/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.31      | (         | mg/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 5/1/2019 | Analyst: JLV  |
| pH                    | 8.00   |           |           | pH Units  | 1              | 5/1/2019      |
| Percent Moisture      | D297   | 4         |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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Qualifiers:

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID:

Franklin (EB-2) 19041193-005

Client Sample ID: 113

Collection Date: 4/30/2019 10:00:00 AM

Matrix: Soil

RL Qualifier Units DF **Date Analyzed** Result Analyses Analyst: FN D2974 Prep Date: 5/1/2019 **Percent Moisture** 5/2/2019 **Percent Moisture** 18.6 0.2

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Date Reported: May 09, 2019 **Date Printed:** 

**ANALYTICAL RESULTS** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-006

Client Sample ID: 114

Collection Date: 4/30/2019 10:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier | Units    | DF                      | Date Analyzed      |
|---|--------|------------|----------|----------|-------------------------|--------------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |          | Prep     | Date: <b>4/30/201</b> 9 | Analyst: AET       |
| Acetone                                 | ND     | 0.095      | mç       | g/Kg-dry | 1                       | 5/7/2019           |
| Benzene                                 | ND     | 0.0064     | mç       | g/Kg-dry | 1                       | 5/7/2019           |
| Bromodichloromethane                    | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| Bromoform                               | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| Bromomethane                            | ND     | 0.013      | mę       | g/Kg-dry | 1                       | 5/7/2019           |
| 2-Butanone                              | ND     | 0.095      | mę       | g/Kg-dry | 1                       | 5/7/2019           |
| Carbon disulfide                        | ND     | 0.064      | mç       | g/Kg-dry | 1                       | 5/7/2019           |
| Carbon tetrachloride                    | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| Chlorobenzene                           | ND     | 0.0064     | mç       | g/Kg-dry | 1                       | 5/7/2019           |
| Chloroethane                            | ND     | 0.013      | mç       | g/Kg-dry | 1                       | 5/7/2019           |
| Chloroform                              | ND     | 0.0064     | m        | g/Kg-dry | 1                       | 5/7/2019           |
| Chloromethane                           | ND     | 0.013      | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| Dibromochloromethane                    | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| 1,1-Dichloroethane                      | ND     | 0.0064     | m        | g/Kg-dry | 1                       | 5/7/2019           |
| 1,2-Dichloroethane                      | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| 1,1-Dichloroethene                      | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| cis-1,2-Dichloroethene                  | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| trans-1,2-Dichloroethene                | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| 1,2-Dichloropropane                     | ND     | 0.0064     | mç       | g/Kg-dry | 1                       | 5/7/2019           |
| cis-1,3-Dichloropropene                 | ND     | 0.0025     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| trans-1,3-Dichloropropene               | ND     | 0.0025     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| Ethylbenzene                            | ND     | 0.0064     | mg       | g/Kg-dry | 1                       | 5/7/2019           |
| 2-Hexanone                              | ND     | 0.025      |          | g/Kg-dry | 1                       | 5/7/2019           |
| 4-Methyl-2-pentanone                    | ND     | 0.025      |          | g/Kg-dry | 1                       | 5/7/2019           |
| Methylene chloride                      | ND     | 0.013      |          | g/Kg-dry | 1                       | 5/7/2019           |
| Methyl tert-butyl ether                 | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| Styrene                                 | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| Tetrachloroethene                       | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| Toluene                                 | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| 1,1,1-Trichloroethane                   | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| 1,1,2-Trichloroethane                   | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| Trichloroethene                         | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| Vinyl chloride                          | ND     | 0.0064     |          | g/Kg-dry | 1                       | 5/7/2019           |
| Xylenes, Total                          | ND     | 0.019      |          | g/Kg-dry | 1                       | 5/7/2019           |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 550B)    | Prep     | Date: 5/1/2019          | Analyst: <b>DM</b> |
| Acenaphthene                            | ND     | 0.040      |          | g/Kg-dry | 1                       | 5/2/2019           |
| Acenaphthylene                          | ND     | 0.040      | m        | g/Kg-dry | 1                       | 5/2/2019           |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

**Project:** 

Franklin (EB-2)

Lab ID:

19041193-006

Client Sample ID: 114

Collection Date: 4/30/2019 10:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL       | Qualifier \ | Units   | DF             | Date Analyzed |
|---|--------|----------|-------------|---------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 270C (SW | 3550B)      | Prep    | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.40     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.40     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 1.0      | mg          | /Kg-dry | 1              | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 1.0      | mg          | /Kg-dry | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.40     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.040    | mg          | /Kg-dry | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.21     | mg          | /Kg-dry | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.40     | _           | /Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 1.0      | _           | /Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.040    | _           | /Kg-dry | 1              | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.040    | _           | /Kg-dry | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.21     |             | /Kg-dry | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.21     | •           | /Kg-dry | 1              | 5/2/2019      |

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May 09, 2019 Date Reported: **Date Printed:** 

**ANALYTICAL RESULTS** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

**Project:** Lab ID:

Franklin (EB-2) 19041193-006

Client Sample ID: 114

Collection Date: 4/30/2019 10:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualific    | er Units  | DF                    | Date Analyzed |
|---|--------|----------------|-----------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep      | Date: <b>5/1/2019</b> | Analyst: DM   |
| Fluoranthene                            | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Fluorene                                | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Isophorone                              | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Naphthalene                             | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.40           | mg/Kg-dry | 1                     | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.081          | mg/Kg-dry | 1                     | 5/2/2019      |
| Phenanthrene                            | ND     | 0.040          | mg/Kg-dry | , 1                   | 5/2/2019      |
| Phenol                                  | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| Pyrene                                  | ND     | 0.040          | mg/Kg-dry | 1                     | 5/2/2019      |
| Pyridine                                | ND     | 0.81           | mg/Kg-dry | 1                     | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.21           | mg/Kg-dry | 1                     | 5/2/2019      |
| PCBs                                    | SW80   | 082A (SW3550B) | Prep      | Date: 5/1/2019        | Analyst: EN   |
| Aroclor 1016 ·                          | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.096          | mg/Kg-dry | 1                     | 5/1/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

**Project:** Lab ID:

Franklin (EB-2)

19041193-006

Client Sample ID: 114

Collection Date: 4/30/2019 10:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Q       | ualifier Units   | DF             | Date Analyzed |
|--------------------|--------|------------|------------------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW35 | 50B) Prep        | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| 4,4´-DDE           | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| 4,4´-DDT           | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Chlordane          | , ND   | 0.019      | mg/Kg-dry        | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Endrin ·           | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0019     | mg/Kg-dry        | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.040      | mg/Kg-dry        | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW30 | <b>50B)</b> Prep | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum           | 13000  | 20         | mg/Kg-dry        | 10             | 5/8/2019      |
| Antimony           | ND     | 2.0        | mg/Kg-dry        | 10             | 5/8/2019      |
| Arsenic            | 11     | 1.0        | mg/Kg-dry        | 10             | 5/4/2019      |
| Barium .           | 89     | 1.0        | mg/Kg-dry        | 10             | 5/4/2019      |
| Beryllium          | 0.94   | 0.50       | mg/Kg-dry        | 10             | 5/4/2019      |
| Cadmium            | ND     | 0.50       | mg/Kg-dry        | 10             | 5/4/2019      |
| Calcium            | 77000  | 61         | mg/Kg-dry        | 10             | 5/4/2019      |
| Chromium           | 31     | 1.0        | mg/Kg-dry        | 10             | 5/4/2019      |
| Cobalt             | 19     | 1.0        | mg/Kg-dry        | 10             | 5/4/2019      |
| Copper             | 31     | 2.5        | mg/Kg-dry        | 10             | 5/4/2019      |
| Iron               | 23000  | 30         | mg/Kg-dry        | 10             | 5/8/2019      |
| Lead               | 16     | 0.50       | mg/Kg-dry        | 10             | 5/4/2019      |
| Magnesium          | 31000  | 30         | mg/Kg-dry        | 10             | 5/8/2019      |
| Manganese          | 580    | 1.0        | mg/Kg-dry        | 10             | 5/4/2019      |
| Nickel             | 47     | 1.0        | mg/Kg-dry        | 10             | 5/4/2019      |

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

ANALYTICAL RESULTS

**Date Printed:** 

May 09, 2019

**Client:** 

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

**Project:** 

Franklin (EB-2)

Lab ID:

19041193-006

Client Sample ID: 114

Collection Date: 4/30/2019 10:30:00 AM

Matrix: Soil

| Metals by ICP/MS Potassium Selenium Silver Sodium Thallium Vanadium Zinc TCLP Metals by ICP/MS | \$W6<br>3500<br>ND<br>ND<br>170<br>ND<br>31<br>61 | 020A (SW:<br>30<br>1.0<br>1.0<br>61<br>1.0 | mg/K<br>mg/K<br>mg/K | g-dry 10           | 9 Analyst: MDT<br>5/8/2019<br>5/4/2019 |
|--|---|--|----------------------|--------------------|--|
| Potassium Selenium Silver Sodium Thallium Vanadium Zinc TCLP Metals by ICP/MS                  | ND<br>ND<br>170<br>ND<br>31                       | 1.0<br>1.0<br>61<br>1.0                    | mg/K<br>mg/K         | g-dry 10           |  |
| Silver Sodium Thallium Vanadium Zinc TCLP Metals by ICP/MS                                     | ND<br>170<br>ND<br>31                             | 1.0<br>61<br>1.0                           | mg/K                 |                    | 5/4/2019                               |
| Sodium Thallium Vanadium Zinc TCLP Metals by ICP/MS  | 170<br>ND<br>31                                   | 61<br>1.0                                  | -                    |                    | V V 1 V                                |
| Thallium Vanadium Zinc TCLP Metals by ICP/MS   | ND<br>31  | 1.0  | malK                 | g-dry 10           | 5/4/2019                               |
| Vanadium Zinc  CLP Metals by ICP/MS  | 31  |  | ilig/i\              | g-dry 10           | 5/8/2019                               |
| Zinc  [CLP Metals by ICP/MS  |   |  | mg/K                 | g-dry 10           | 5/4/2019                               |
| CLP Metals by ICP/MS   | £1  | 1.0  | mg/K                 | g-dry 10           | 5/4/2019                               |
| ·  | 01  | 5.0  | mg/K                 | g-dry 10           | 5/4/2019                               |
|  | SW1   | 311/6020A                                  | (SW3005A)            | Prep Date: 5/3/201 | 9 Analyst: MDT                         |
| Aluminum   | ND  | 0.10                                       | mg                   | /L 5               | 5/8/2019                               |
| Antimony   | ND  | 0.015                                      | mg                   | /L 5               | 5/8/2019                               |
| Arsenic .  | ND  | 0.010                                      | mg                   | /L 5               | 5/5/2019                               |
| Barium   | 0.50  | 0.050                                      | mg                   | /L 5               | 5/5/2019                               |
| Beryllium  | ND  | 0.0050                                     | mg                   | /L 5               | 5/5/2019                               |
| Cadmium  | ND .  | 0.0050                                     | mg                   | /L 5               | 5/5/2019                               |
| Chromium   | ND  | 0.010                                      | mg                   | /L 5               | 5/5/2019                               |
| Cobalt   | 0.034   | 0.010                                      | mg                   | /L 5               | 5/5/2019                               |
| Copper   | ND  | 0.10                                       | mg                   | /L 5               | 5/5/2019                               |
| Iron   | ND.   | 0.25                                       | mg                   | /L 5               | 5/5/2019                               |
| Lead   | ND  | 0.0050                                     | mg                   | /L 5               | 5/5/2019                               |
| Manganese  | 3.8   | 0.010                                      | mg                   | /L 5               | 5/5/2019                               |
| Nickel   | 0.075   | 0.020                                      | mg                   | /L 5               | 5/5/2019                               |
| Selenium   | ND  | 0.010                                      | mg                   | /L 5               | 5/5/2019                               |
| Silver   | ND  | 0.010                                      | mg                   | ı/L 5              | 5/5/2019                               |
| Thallium   | ND  | 0.0050                                     | mg                   | /L 5               | 5/5/2019                               |
| Vanadium   | ND  | 0.010                                      | mg                   | /L 5 ·             | 5/5/2019                               |
| Zinc   | ND  | 0.050                                      | mg                   | /L 5               | 5/5/2019                               |
| CLP Mercury  | SW1   | 311/7470A                                  |                      | Prep Date: 5/3/201 | 9 Analyst: LB                          |
| Mercury  | ND  | 0.00020                                    | mg                   | /L 1               | 5/3/2019                               |
| Mercury  | SW7   | 471B                                       |                      | Prep Date: 5/6/201 | 9 Analyst: LB                          |
| Mercury  | ND  | 0.020                                      | mg/K                 | g-dry 1            | 5/6/2019                               |
| Cyanide, Total   | SW9   | 012A                                       |                      | Prep Date: 5/5/201 | 9 Analyst: MD                          |
| Cyanide  | ND  | 0.30                                       | mg/K                 | g-dry 1            | 5/5/2019                               |
| oH (25 °C)   |   | 045C                                       |                      | Prep Date: 5/1/201 | •                                      |
| pH   | 8.03  |  | рН С                 | Inits 1            | 5/1/2019                               |
| Percent Moisture   | D297  | <b>'</b> 4                                 |                      | Prep Date: 5/1/201 | 9 Analyst: FN                          |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order: Project:

19041193 Revision 0

Lab ID:

Franklin (EB-2)

19041193-006

Client Sample ID: 114

Collection Date: 4/30/2019 10:30:00 AM

Matrix: Soil

Analyses Result RL Qualifier Units DF Date Analyzed

Percent Moisture Percent Moisture 17.4 0.2 \* wt% 1 5/2/2019

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019 **ANALYTICAL RESULTS** 

\_\_\_\_\_\_,

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-007

Client Sample ID: 115

Collection Date: 4/30/2019 11:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | )ualifier | Units    | DF              | Date Analyze |
|---|--------|------------|-----------|----------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  |           | Prep     | Date: 4/30/2019 | Analyst: AE  |
| Acetone                                 | ND     | 0.21       | m         | g/Kg-dry | 1               | 5/7/2019     |
| Benzene                                 | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Bromodichloromethane                    | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Bromoform                               | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Bromomethane                            | ND     | 0.028      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 2-Butanone                              | ND     | 0.21       | m         | g/Kg-dry | 1               | 5/7/2019     |
| Carbon disulfide                        | ND     | 0.14       | m         | g/Kg-dry | 1               | 5/7/2019     |
| Carbon tetrachloride                    | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Chlorobenzene                           | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Chloroethane                            | ND     | 0.028      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Chloroform                              | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Chloromethane                           | ND     | 0.028      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Dibromochloromethane                    | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,1-Dichloroethane                      | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,2-Dichloroethane                      | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,1-Dichloroethene                      | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.014      | · m       | g/Kg-dry | 1               | 5/7/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,2-Dichloropropane                     | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0055     | m         | g/Kg-dry | 1               | 5/7/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0055     | m         | g/Kg-dry | 1               | 5/7/2019     |
| Ethylbenzene                            | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 2-Hexanone                              | ND     | 0.055      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.055      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Methylene chloride                      | ND     | 0.028      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Methyl tert-butyl ether                 | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Styrene                                 | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Tetrachloroethene                       | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Toluene                                 | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,1,1-Trichloroethane                   | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Trichloroethene                         | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Vinyl chloride                          | ND     | 0.014      | m         | g/Kg-dry | 1               | 5/7/2019     |
| Xylenes, Total                          | ND     | 0.041      | wi        | g/Kg-dry | 1               | 5/7/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 550B)     | Prep     | Date: 5/1/2019  | Analyst: DM  |
| Acenaphthene                            | ND     | 0.039      | m         | g/Kg-dry | 1               | 5/2/2019     |
| Acenaphthylene                          | ND     | 0.039      | m         | g/Kg-dry | 1               | 5/2/2019     |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

**Project:** 

Franklin (EB-2)

Lab ID:

19041193-007

Client Sample ID: 115

Collection Date: 4/30/2019 11:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL (      | Qualifier Uni | ts DF                   | Date Analyzed    |
|---|--------|-----------|---------------|-------------------------|------------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3 |               | Prep Date: <b>5/1/2</b> | 2019 Analyst: DM |
| Aniline                                 | ND     | 0.39      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Anthracene                              | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benz(a)anthracene                       | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzidine                               | ND     | 0.39      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzo(a)pyrene                          | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzo(b)fluoranthene                    | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzo(g,h,i)perylene                    | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzo(k)fluoranthene                    | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzoic acid                            | ND     | 0.97      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Benzyl alcohol                          | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Bis(2-chloroethoxy)methane              | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Bis(2-chloroethyl)ether                 | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.97      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 4-Bromophenyl phenyl ether              | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Butyl benzyl phthalate                  | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Carbazole                               | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 4-Chloroaniline                         | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 4-Chloro-3-methylphenol                 | ND     | 0.39      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 2-Chloronaphthalene                     | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 2-Chlorophenol                          | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| Chrysene                                | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Dibenz(a,h)anthracene                   | ND     | 0.039     | mg/Kg         | -dry 1                  | 5/2/2019         |
| Dibenzofuran                            | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 1,2-Dichlorobenzene                     | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 1.3-Dichlorobenzene                     | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 1,4-Dichlorobenzene                     | ND     | 0.20      | mg/Kg         | •                       | 5/2/2019         |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20      | mg/Kg         | -dry 1                  | 5/2/2019         |
| 2,4-Dichlorophenol                      | ND     | 0.20      | mg/Kg         | •                       | 5/2/2019         |
| Diethyl phthalate                       | ND     | 0.20      | mg/Kg         |                         | 5/2/2019         |
| 2,4-Dimethylphenol                      | ND     | 0.20      | mg/Kg         | •                       | 5/2/2019         |
| Dimethyl phthalate                      | ND     | 0.20      | mg/Kg         |                         | 5/2/2019         |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.39      | mg/Kg         | •                       | 5/2/2019         |
| 2,4-Dinitrophenol                       | ND     | 0.97      | mg/Kg         | •                       | 5/2/2019         |
| 2.4-Dinitrotoluene                      | ND     | 0.039     | mg/Kg         |                         | 5/2/2019         |
| 2,6-Dinitrotoluene                      | ND     | 0.039     | mg/Kg         |                         | 5/2/2019         |
| Di-n-butyl phthalate                    | ND     | 0.20      | mg/Kg         | •                       | 5/2/2019         |
| Di-n-octyl phthalate                    | ND     | 0.20      | mg/Kg         | •                       | 5/2/2019         |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-007

Client Sample ID: 115

Collection Date: 4/30/2019 11:00:00 AM

Matrix: Soil

| Analyses                                | Result | RL Quali      | fier Units | DF                    | Date Analyzed |
|---|--------|---------------|------------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW3550B | ) Prep     | Date: <b>5/1/2019</b> | Analyst: DM   |
| Fluoranthene                            | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Fluorene                                | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Hexachtorobutadiene                     | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Isophorone                              | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Naphthalene                             | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.39          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.078         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Phenanthrene                            | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Phenol                                  | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| Pyrene                                  | ND     | 0.039         | mg/Kg-dry  | 1                     | 5/2/2019      |
| Pyridine                                | ND     | 0.78          | mg/Kg-dry  | 1 .                   | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.20          | mg/Kg-dry  | 1                     | 5/2/2019      |
| PCBs                                    | SW8    | 082A (SW3550B | ) Prep     | Date: 5/1/2019        | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aroclor.1221                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.093         | mg/Kg-dry  | 1                     | 5/1/2019      |

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

**Project:** 

Lab ID:

Environmental Group Services, Ltd.

Work Order: 19041

19041193 Revision 0

Franklin (EB-2) 19041193-007 Client Sample ID: 115

Collection Date: 4/30/2019 11:00:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4´-DDT           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosuifan I       | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.038          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum           | 12000  | 21             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 7.7    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Barium             | 110    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Beryllium          | 0.93   | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Cadmium            | ND     | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Catcium            | 87000  | 63             | mg/Kg-dry | 10             | 5/4/2019      |
| Chromium           | 29     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Cobalt             | 14     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Copper             | 36     | 2.6            | mg/Kg-dry | 10             | 5/4/2019      |
| Iron               | 33000  | 32             | mg/Kg-dry | 10             | 5/4/2019      |
| Lead               | 17     | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Magnesium          | 35000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 620    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Nickel             | 42     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |

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**Date Reported:** May 09, 2019 **Date Printed:** May 09, 2019

**ANALYTICAL RESULTS** 

\_\_\_\_\_\_

Environmental Group Services, Ltd.

Work Order: 19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

Client:

19041193-007

Client Sample ID: 115

Collection Date: 4/30/2019 11:00:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units     | DF             | Date Analyzed |
|-----------------------|--------|-----------|-----------|-----------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Potassium             | 3700   | 32        | 'n        | ng/Kg-dry | 10             | 5/4/2019      |
| Selenium              | ND     | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Silver                | . ND   | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Sodium                | 220    | 63        | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Thallium              | ND     | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Vanadium              | 31     | 1.1       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| Zinc                  | 61     | 5.3       | n         | ng/Kg-dry | 10             | 5/4/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005A  | A) Prep   | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | ND     | 0.10      |           | mg/L      | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L      | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Barium                | 0.38   | . 0.050   |           | mg/L      | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Cobalt                | 0.029  | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L      | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L      | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Manganese             | 3.5    | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Nickel                | 0.079  | 0.020     |           | mg/L      | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     | •         | mg/L      | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L      | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L      | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L      | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep      | Date: 5/3/2019 | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L      | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep      | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.018     | m         | ng/Kg-dry | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      |           | Prep      | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.30      | m         | ng/Kg-dry | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep      | Date: 5/1/2019 | Analyst: JLV  |
| рН                    | 7.70   |           |           | pH Units  | 1              | 5/1/2019      |
| Percent Moisture      | D297   | 74        |           | Prep      | Date: 5/1/2019 | Analyst: FN   |

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15.6

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

**Percent Moisture** 

19041193 Revision 0

Project: Lab ID:

Franklin (EB-2) 19041193-007

Client Sample ID: 115

Collection Date: 4/30/2019 11:00:00 AM

Matrix: Soil

RL Qualifier DF **Date Analyzed** Result Units Analyses Analyst: FN Prep Date: 5/1/2019 D2974 **Percent Moisture** 5/2/2019

0.2

Qualifiers:

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RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-008

\_\_\_\_\_\_

Client Sample ID: 116

Collection Date: 4/30/2019 11:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Q       | ualifier Units | DF              | Date Analyze |
|---|--------|------------|----------------|-----------------|--------------|
| Volatile Organic Compounds by GC/MS     | SW5    | 035/8260B  | Prep           | Date: 4/30/2019 | Analyst: AE' |
| Acetone                                 | ND     | 0.11       | mg/Kg-dry      | 1               | 5/7/2019     |
| Benzene                                 | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Bromodichloromethane                    | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Bromoform                               | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Bromomethane                            | ND     | 0.015      | mg/Kg-dry      | 1               | 5/7/2019     |
| 2-Butanone                              | ND     | 0.11       | mg/Kg-dry      | 1               | 5/7/2019     |
| Carbon disulfide                        | ND     | 0.073      | mg/Kg-dry      | , 1             | 5/7/2019     |
| Carbon tetrachloride                    | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Chlorobenzene                           | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Chloroethane                            | ND     | 0.015      | mg/Kg-dry      | 1               | 5/7/2019     |
| Chloroform                              | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Chloromethane                           | ND     | 0.015      | mg/Kg-dry      | 1               | 5/7/2019     |
| Dibromochloromethane                    | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,1-Dichloroethane                      | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,2-Dichloroethane                      | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,1-Dichloroethene                      | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| cis-1,2-Dichloroethene                  | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| trans-1,2-Dichloroethene                | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,2-Dichloropropane                     | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| cis-1,3-Dichloropropene                 | ND     | 0.0029     | mg/Kg-dry      | 1               | 5/7/2019     |
| trans-1,3-Dichloropropene               | ND     | 0.0029     | mg/Kg-dry      | 1               | 5/7/2019     |
| Ethylbenzene                            | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 2-Hexanone                              | ND     | 0.029      | mg/Kg-dry      | 1               | 5/7/2019     |
| 4-Methyl-2-pentanone                    | ND     | 0.029      | mg/Kg-dry      | 1               | 5/7/2019     |
| Methylene chloride                      | ND     | 0.015      | mg/Kg-dry      | 1               | 5/7/2019     |
| Methyl tert-butyl ether                 | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Styrene                                 | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,1,2,2-Tetrachloroethane               | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Tetrachloroethene                       | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Toluene                                 | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,1,1-Trichloroethane                   | · ND   | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| 1,1,2-Trichloroethane                   | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Trichloroethene                         | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Vinyl chloride                          | ND     | 0.0073     | mg/Kg-dry      | 1               | 5/7/2019     |
| Xylenes, Total                          | ND     | 0.022      | mg/Kg-dry      | 1               | 5/7/2019     |
| Semivolatile Organic Compounds by GC/MS | SW8    | 270C (SW35 | 50B) Prep      | Date: 5/1/2019  | Analyst: DM  |
| Acenaphthene                            | ND     | 0.039      | mg/Kg-dry      | 1               | 5/2/2019     |
| Acenaphthylene                          | ND     | 0.039      | mg/Kg-dry      | 1               | 5/2/2019     |

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Date Reported: May 09, 2019 **Date Printed:** 

ANALYTICAL RESULTS

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID:

Franklin (EB-2) 19041193-008

Client Sample ID: 116

Collection Date: 4/30/2019 11:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL      | Qualifier | Units     | DF             | Date Analyzed |
|---|--------|---------|-----------|-----------|----------------|---------------|
| Semivolatile Organic Compounds by GC/MS | S SW82 | 70C (SW | 3550B)    | Prep      | Date: 5/1/2019 | Analyst: DM   |
| Aniline                                 | ND     | 0.39    | ·         | mg/Kg-dry | 1              | 5/2/2019      |
| Anthracene                              | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Benz(a)anthracene                       | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzidine                               | ND     | 0.39    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(a)pyrene                          | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(b)fluoranthene                    | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(g,h,i)perylene                    | ND     | 0.039   | ı         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzo(k)fluoranthene                    | ND     | 0.039   | ı         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzoic acid                            | ND     | 0.97    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Benzyl alcohol                          | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethoxy)methane              | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Bis(2-chloroethyl)ether                 | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Bis(2-ethylhexyl)phthalate              | ND     | 0.97    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Bromophenyl phenyl ether              | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Butyl benzyl phthalate                  | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Carbazole                               | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Chloroaniline                         | ND     | 0.20    | r         | ng/Kg-dry | 1              | 5/2/2019      |
| 4-Chloro-3-methylphenol                 | ND     | 0.39    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 2-Chloronaphthalene                     | ND     | 0.20    | ı         | mg/Kg-dry | 1 .            | 5/2/2019      |
| 2-Chlorophenol                          | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 4-Chlorophenyl phenyl ether             | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Chrysene                                | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Dibenz(a,h)anthracene                   | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Dibenzofuran                            | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 1,2-Dichlorobenzene                     | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 1,3-Dichlorobenzene                     | ND     | 0.20    | ı         | mg/Kg-dry | 1              | 5/2/2019      |
| 1,4-Dichlorobenzene                     | ND     | 0.20    | ı         | mg/Kg-dry | 1              | 5/2/2019      |
| 3,3'-Dichlorobenzidine                  | ND     | 0.20    | ſ         | ng/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dichlorophenol                      | ND     | 0.20    | ſ         | ng/Kg-dry | 1              | 5/2/2019      |
| Diethyl phthalate                       | ND     | 0.20    | 1         | ng/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dimethylphenol                      | ND     | 0.20    | r         | ng/Kg-dry | 1              | 5/2/2019      |
| Dimethyl phthalate                      | ND     | 0.20    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 4,6-Dinitro-2-methylphenol              | ND     | 0.39    | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrophenol                       | ND     | 0.97    | r         | ng/Kg-dry | 1              | 5/2/2019      |
| 2,4-Dinitrotoluene                      | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| 2,6-Dinitrotoluene                      | ND     | 0.039   | r         | mg/Kg-dry | 1              | 5/2/2019      |
| Di-n-butyl phthalate                    | ND     | 0.20    | r         | ng/Kg-dry | 1              | 5/2/2019      |
| Di-n-octyl phthalate                    | ND     | 0.20    |           | mg/Kg-dry | 1              | 5/2/2019      |

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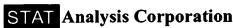
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Date Reported: May 09, 2019

ANALYTICAL RESULTS

**Date Printed:** May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project:

Franklin (EB-2)

Lab ID:

19041193-008

Client Sample ID: 116

Collection Date: 4/30/2019 11:30:00 AM

Matrix: Soil

| Analyses                                | Result | RL Qualifie    | er Units  | DF                    | Date Analyzed |
|---|--------|----------------|-----------|-----------------------|---------------|
| Semivolatile Organic Compounds by GC/MS | SW82   | 270C (SW3550B) | Prep      | Date: 5/1/2019        | Analyst: DM   |
| Fluoranthene                            | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| Fluorene                                | ND     | 0.039          | mg/Kg-dry | 1 '                   | 5/2/2019      |
| Hexachlorobenzene                       | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachlorobutadiene                     | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachlorocyclopentadiene               | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Hexachloroethane                        | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Indeno(1,2,3-cd)pyrene                  | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| Isophorone                              | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Methylnaphthalene                     | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Methylphenol                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Methylphenol                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Naphthalene                             | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 3-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Nitroaniline                          | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2-Nitrophenol                           | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 4-Nitrophenol                           | ND     | 0.39           | mg/Kg-dry | 1                     | 5/2/2019      |
| Nitrobenzene                            | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| N-Nitrosodi-n-propylamine               | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| N-Nitrosodimethylamine                  | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| N-Nitrosodiphenylamine                  | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2, 2'-oxybis(1-Chloropropane)           | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Pentachlorophenol                       | ND     | 0.079          | mg/Kg-dry | 1                     | 5/2/2019      |
| Phenanthrene                            | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| Phenol                                  | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| Pyrene                                  | ND     | 0.039          | mg/Kg-dry | 1                     | 5/2/2019      |
| Pyridine                                | ND     | 0.79           | mg/Kg-dry | 1                     | 5/2/2019      |
| 1,2,4-Trichlorobenzene                  | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4,5-Trichlorophenol                   | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| 2,4,6-Trichlorophenol                   | ND     | 0.20           | mg/Kg-dry | 1                     | 5/2/2019      |
| CBs                                     | SW80   | 82A (SW3550B)  | Prep      | Date: <b>5/1/2019</b> | Analyst: EN   |
| Aroclor 1016                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1221                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1232                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1242                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1248                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1254                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |
| Aroclor 1260                            | ND     | 0.095          | mg/Kg-dry | 1                     | 5/1/2019      |

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Date Reported: May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID: Franklin (EB-2)

19041193-008

Client Sample ID: 116

Collection Date: 4/30/2019 11:30:00 AM

Matrix: Soil

| Analyses           | Result | RL Qualific    | er Units  | DF             | Date Analyzed |
|--------------------|--------|----------------|-----------|----------------|---------------|
| Pesticides         | SW8    | 081B (SW3550B) | Prep      | Date: 5/1/2019 | Analyst: EN   |
| 4,4'-DDD           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDE           | · ND   | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| 4,4'-DDT           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Aldrin             | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| alpha-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| beta-BHC           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Chlordane          | ND     | 0.019          | mg/Kg-dry | 1              | 5/1/2019      |
| delta-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Dieldrin           | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan I       | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan II      | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endosulfan sulfate | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin             | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin aldehyde    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Endrin ketone      | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-BHC          | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| gamma-Chlordane    | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor         | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Heptachlor epoxide | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Methoxychlor       | ND     | 0.0019         | mg/Kg-dry | 1              | 5/1/2019      |
| Toxaphene          | ND     | 0.039          | mg/Kg-dry | 1              | 5/1/2019      |
| Metals by ICP/MS   | SW6    | 020A (SW3050B) | Prep      | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum           | 11000  | 21             | mg/Kg-dry | 10             | 5/8/2019      |
| Antimony           | ND     | 2.1            | mg/Kg-dry | 10             | 5/8/2019      |
| Arsenic            | 11     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Barium             | 93     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Beryllium          | 0.91   | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Cadmium            | ND     | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Calcium            | 78000  | 64             | mg/Kg-dry | 10             | 5/4/2019      |
| Chromium           | 29     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Cobalt             | 17     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Copper             | 38     | 2.7            | mg/Kg-dry | 10             | 5/4/2019      |
| Iron               | 29000  | 32             | mg/Kg-dry | 10             | 5/4/2019      |
| Lead               | 18     | 0.53           | mg/Kg-dry | 10             | 5/4/2019      |
| Magnesium          | 29000  | 32             | mg/Kg-dry | 10             | 5/8/2019      |
| Manganese          | 600    | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |
| Nickel             | 44     | 1.1            | mg/Kg-dry | 10             | 5/4/2019      |

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Date Reported: May 09, 2019

ANALYTICAL RESULTS

Date Printed: May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID: Franklin (EB-2)

19041193-008

Client Sample ID: 116

Collection Date: 4/30/2019 11:30:00 AM

Matrix: Soil

| Analyses              | Result | RL        | Qualifier | Units               | , DF           | Date Analyzed |
|-----------------------|--------|-----------|-----------|---------------------|----------------|---------------|
| Metals by ICP/MS      | SW6    | 020A (SW  | 3050B)    | Prep                | Date: 5/3/2019 | Analyst: MDT  |
| Potassium             | 3800   | 32        |           | mg/Kg-dry           | 10             | 5/4/2019      |
| Selenium              | ND     | 1.1       | •         | mg/Kg-dry           | 10             | 5/4/2019      |
| Silver                | ND     | 1.1       | •         | mg/Kg-dry           | 10             | 5/4/2019      |
| Sodium                | 230    | 64        |           | mg/Kg-dry           | 10             | 5/4/2019      |
| Thallium              | . ND   | 1.1       |           | mg/Kg-dry           | 10             | 5/4/2019      |
| Vanadium              | 29     | 1.1       | 1         | mg/Kg-dry           | 10             | 5/4/2019      |
| Zinc                  | 66     | 5.3       | •         | mg/Kg-dry           | 10             | 5/4/2019      |
| TCLP Metals by ICP/MS | SW1    | 311/6020A | (SW3005   |                     | Date: 5/3/2019 | Analyst: MDT  |
| Aluminum              | 0.12   | 0.10      |           | mg/L                | 5              | 5/8/2019      |
| Antimony              | ND     | 0.015     |           | mg/L                | 5              | 5/8/2019      |
| Arsenic               | ND     | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Barium                | 0.31   | 0.050     |           | mg/L                | 5              | 5/5/2019      |
| Beryllium             | ND     | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Cadmium               | ND     | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Chromium              | ND     | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Cobalt                | 0.028  | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Copper                | ND     | 0.10      |           | mg/L                | 5              | 5/5/2019      |
| Iron                  | ND     | 0.25      |           | mg/L                | 5              | 5/5/2019      |
| Lead                  | ND     | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Manganese .           | 3.6    | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Nickel                | 0.060  | 0.020     |           | mg/L                | 5              | 5/5/2019      |
| Selenium              | ND     | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Silver                | ND     | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Thallium              | ND     | 0.0050    |           | mg/L                | 5              | 5/5/2019      |
| Vanadium              | ND     | 0.010     |           | mg/L                | 5              | 5/5/2019      |
| Zinc                  | ND     | 0.050     |           | mg/L                | 5              | 5/5/2019      |
| TCLP Mercury          | SW1    | 311/7470A |           | Prep Date: 5/3/2019 |                | Analyst: LB   |
| Mercury               | ND     | 0.00020   |           | mg/L                | 1              | 5/3/2019      |
| Mercury               | SW7    | 471B      |           | Prep                | Date: 5/6/2019 | Analyst: LB   |
| Mercury               | ND     | 0.021     | •         | mg/Kg-dry           | 1              | 5/6/2019      |
| Cyanide, Total        | SW9    | 012A      |           | Prep                | Date: 5/5/2019 | Analyst: MD   |
| Cyanide               | ND     | 0.30      | 1         | mg/Kg-dry           | 1              | 5/5/2019      |
| pH (25 °C)            | SW9    | 045C      |           | Prep                | Date: 5/1/2019 | Analyst: JLV  |
| рН                    | 7.86   |           |           | pH Units            | 1              | 5/1/2019      |
| Percent Moisture      | D297   | 4         |           | Prep                | Date: 5/1/2019 | Analyst: FN   |

ND - Not Detected at the Reporting Limit

Qualifiers:

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

# **STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP Lab Code 101202-0

Date Reported:

May 09, 2019

**ANALYTICAL RESULTS** 

**Date Printed:** 

May 09, 2019

Client:

Environmental Group Services, Ltd.

Work Order:

19041193 Revision 0

Project: Lab ID:

Franklin (EB-2) 19041193-008

Client Sample ID: 116

Collection Date: 4/30/2019 11:30:00 AM

Matrix: Soil

Result Qualifier Units DF Date Analyzed **Analyses** Prep Date: 5/1/2019 Analyst: FN D2974 **Percent Moisture** 0.2 5/2/2019 **Percent Moisture** 16.5

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Analysis Corporation STAT

CHAIN OF CUSTODY RECORD 2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386 e-mail address: STATinfo@STATAnalysis.com

921195

am/pm Lab No. 2 ð Turn Around Time (Days) Additional Information: Results Needed: Quote No.: P.O. No.: Preservation Code: A = None B = HNO, C = NaOH G = Other Š  $D = H_2SO_4$  E = HCI F = 5035/EnCoreComments: 4 072181 15 1900 Containers 1607 4/30/15/16:52 No. of 7 Client Tracking No.: Preserv Grab Date/Time: 🖊 Date/Time: Date/Time: Date/Time: Date/Time Date/Time: Сошр. Matrix 0530 0900 Cool 1050 OSO Ş 1130 Phone: Time Taken 1100 e-mail: Fax: Date Taken 4/30 EB-2 Billy EBX. OM Client Sample Number/Description: FRANKLIM 1697 (elinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature Received by: (Signature) Received by: (Signature) Received by: (Signature) Project Location: Project Number: Project Name: QC Level: 1 Sampler(s): Report To: Company: 110  $\Xi$ 114



## Sample Receipt Checklist

| Client Name EGSL           |                                     |                     |                                       | Date and Tim | e Received:  | 4/30/2019 4:32:00 PM |
|----------------------------|-------------------------------------|---------------------|---------------------------------------|--------------|--------------|----------------------|
| Work Order Number 1        | 9041193                             |                     |                                       | Received by: | EAA          |                      |
| Checklist completed by:    | Eh .                                | 4/2<br>  bate       | 0/19                                  | Reviewed by: | A. L.        | 3/01/19<br>Date      |
| Matrix:                    |                                     | Carrier name        | STAT Analysis                         |              |              |                      |
| Shipping container/cooler  | in good condition?                  |                     | Yes 🗹                                 | No 🗆         | Not Present  |                      |
| Custody seals intact on s  | hippping container/coo              | ler?                | Yes 🗌                                 | No 🗆         | Not Present  |                      |
| Custody seals intact on s  | ample bottles?                      |                     | Yes 🗌                                 | No 🗆         | Not Present  |                      |
| Chain of custody present   | ?                                   |                     | Yes 🗹                                 | No 🗆         |              |                      |
| Chain of custody signed v  | vhen relinquished and               | received?           | Yes 🗹                                 | No 🗆         |              |                      |
| Chain of custody agrees v  | vith sample labels/con              | tainers?            | Yes 🗹                                 | No 🗆         |              |                      |
| Samples in proper contain  | ner/bottle?                         |                     | Yes 🗹                                 | No 🗆         |              |                      |
| Sample containers intact?  | <b>,</b>                            |                     | Yes 🗹                                 | No 🗆         |              |                      |
| Sufficient sample volume   | for indicated test?                 |                     | Yes 🗹                                 | No 🗆         |              |                      |
| All samples received with  | in holding time?                    |                     | Yes 🗹                                 | No 🗆         |              |                      |
| Container or Temp Blank    | temperature in compli               | ance?               | Yes 🗹                                 | No 🗆         | Temperatu    | re 4.1 °C            |
| Water - VOA vials have z   |                                     | No VOA vials subr   | nitted 😰                              | Yes 🖾        | No 🔁         |                      |
| Water - Samples pH chec    | ked?                                |                     | Yes 🖾                                 | No 🕮         | Checked by:  |                      |
| Water - Samples properly   | preserved?                          | •                   | Yes 🖾                                 | No 🕮         | pH Adjusted? |                      |
| Any No response must be    | e detailed in the comm              | ents section below. |                                       | ====         | ·<br>=====   |                      |
| Comments:                  | · · · · · · · · · · · · · · · · · · |                     |                                       |              |              |                      |
|                            |                                     |                     |                                       |              |              |                      |
|                            |                                     |                     |                                       |              |              |                      |
|                            |                                     | •                   | <u> </u>                              |              |              |                      |
| Client / Person contacted: |                                     | Date contacted:     |                                       | Conta        | acted by:    |                      |
| Response:                  |                                     |                     | · · · · · · · · · · · · · · · · · · · |              |              |                      |
|                            |                                     |                     |                                       |              |              |                      |
|                            |                                     |                     |                                       |              | ·            |                      |

| APPENDIX G  |
|---|
| IEPA approved Comprehensive No Further Action Required (NFR) letter, issued June 17, 2019 |
|   |
|   |
|   |





## **ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/524-3300

June 17, 2019

CERTIFIED MAIL
7018 1830 0000 5288 5158

Bridge Development Partners Attn: Mark Houser 1000 Irving Park Road, Suite 150 Itasca, Illinois 60143

Re:

0310965121/Cook County

Franklin Park/Magellan Pipeline

Site Remediation Program/Technical Reports

No Further Remediation Letter

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

AUG 12 2019

REVIEWER: MJK

Dear Mr. Houser:

The Remedial Action Completion Report (received February 7, 2019/Log No. 19-68700) and the Supplement to EGSL's February 1, 2019 RACR (received May 30, 2019/Log No. 19-69413), as prepared by Environmental Group Services Limited (EGSL) for the above referenced Remediation Site, have been reviewed and approved by the Illinois Environmental Protection Agency ("Illinois EPA"). These Reports demonstrate the remediation objectives approved for the site, in accordance with 35 Illinois Administrative Code Part 742 are above the existing concentrations of regulated substances and the remedial action was completed in accordance with the Remedial Action Plan (received August 15, 2017/Log No. 17-65297) and 35 Illinois Administrative Code Part 740.

The Remediation Site, consisting of 48 acres, is located at 10601 Franklin Avenue, Franklin Park, Illinois. Pursuant to Section 58.10 of the Illinois Environmental Protection Act ("Act") (415 ILCS 5/1 et seq.), your request for a no further remediation determination is granted under the conditions and terms specified in this letter. The Remediation Applicant, as identified on the Illinois EPA's Site Remediation Program DRM-1 Form (received July 26, 2017/Log No. 17-65156), is Bridge Development Partners.

This comprehensive No Further Remediation Letter ("Letter") signifies a release from further responsibilities under the Act for the performance of the approved remedial action. This Letter shall be considered prima facie evidence that the Remediation Site described in the attached Illinois EPA Site Remediation Program Environmental Notice and shown in the attached Site Base Map does not constitute a threat to human health and the environment and does not require further remediation under the Act if utilized in accordance with the terms of this Letter.

4302 N. Main Street, Rockford, IL 61103 (815) 987-7760 595 S. State Street, Elgin, IL 60123 (847) 608-3131 2125 S. First Street, Champaign, IL 61820 (217) 278-5800 2009 Mall Street Collinsville, IL 62234 (618) 346-5120 9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000 412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022 2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200 100 W. Randolph Street, Suite 4-500, Chicago, IL 60601

### **Conditions and Terms of Approval**

#### Level of Remediation and Land Use Limitations

- 1) The Remediation Site is restricted to industrial/commercial land use.
- 2) The land use specified in this Letter may be revised if:
  - a) Further investigation or remedial action has been conducted that documents the attainment of objectives appropriate for the new land use; and
  - b) A new Letter is obtained and recorded in accordance with Title XVII of the Act and regulations adopted thereunder.

### Preventive, Engineering, and Institutional Controls

The implementation and maintenance of the following controls are required as part of the approval of the remediation objectives for this Remediation Site.

### Preventive Controls:

3) At a minimum, a safety plan should be developed to address possible worker exposure in the event that any future excavation and construction activities may occur within the contaminated soil. Any excavation within the contaminated soil will require implementation of a safety plan consistent with NIOSH Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, OSHA regulations (particularly in 29 CFR 1910 and 1926), state and local regulations, and other USEPA guidance. Soil excavated below must be returned to the same depth from which it was excavated or properly managed or disposed in accordance with applicable state and federal regulations.

### **Engineering Controls:**

- 4) The asphalt barrier, as shown on the attached Site Base Map, must remain over the contaminated soils. This asphalt barrier must be properly maintained as an engineered barrier to inhibit inhalation and ingestion of the contaminated media.
- 5) The concrete cap barrier, as shown on the attached Site Base Map, must remain over the contaminated soils. This concrete cap barrier must be properly maintained as an engineered barrier to inhibit inhalation and ingestion of the contaminated media.
- 6) The concrete slab of the building, as shown on the attached Site Base Map, must remain over the contaminated soils. This concrete slab must be properly maintained as an engineered barrier to inhibit inhalation and ingestion of the contaminated media.

7) The alternative engineered barrier, which is comprised of 18 inches of clean soil over a Mirafi 180N geotextile in the areas shown on the attached Site Base Map, must remain over the contaminated soils. This alternative engineered barrier must be properly maintained as an engineered barrier to inhibit ingestion of the contaminated media.

### **Institutional Controls:**

- 8) Any existing buildings or any future buildings constructed on the site must contain a full concrete slab-on-grade floor or full concrete basement floor and walls with no sumps.
- 9) No person shall construct, install, maintain, or operate a well at the Remediation Site. All water supplies and water services for the Remediation Site must be obtained from a public water supply system. The provisions of this institutional control shall be applicable to all water usage (e.g., domestic, industrial/commercial uses and outdoor watering).

#### **Other Terms**

- 10) Where the Remediation Applicant is <u>not</u> the sole owner of the Remediation Site, the Remediation Applicant shall complete the attached *Property Owner Certification of the No Further Remediation Letter under the Site Remediation Program* Form. This certification, by original signature of each property owner, or the authorized agent of the owner(s), of the Remediation Site or any portion thereof who is not a Remediation Applicant shall be recorded along with this Letter.
- 11) Further information regarding this Remediation Site can be obtained through a written request under the Freedom of Information Act (5 ILCS 140) to:

Illinois Environmental Protection Agency Attn: Freedom of Information Act Officer Division of Records Management #16 1021 North Grand Avenue East Post Office Box 19276 Springfield, Illinois 62794-9276

- 12) Pursuant to Section 58.10(f) of the Act (415 ILCS 5/58.10(f)), should the Illinois EPA seek to void this Letter, the Illinois EPA shall provide notice to the current title holder and to the Remediation Applicant at the last known address. The notice shall specify the cause for the voidance, explain the provisions for appeal, and describe the facts in support of this cause. Specific acts or omissions that may result in the voidance of the Letter under Sections 58.10(e)(1)-(7) of the Act (415 ILCS 5/58.10(e)(1)-(7)) include, but shall not be limited to:
  - a) Any violation of institutional controls or the designated land use restrictions;
  - b) The failure to operate and maintain preventive or engineering controls or to comply with any applicable groundwater monitoring plan;

- c) The disturbance or removal of contamination that has been left in-place in accordance with the Remedial Action Plan. Access to soil contamination may be allowed if, during and after any access, public health and the environment are protected consistent with the Remedial Action Plan;
- d) The failure to comply with the recording requirements for this Letter;
- e) Obtaining the Letter by fraud or misrepresentation;
- f) Subsequent discovery of contaminants, not identified as part of the investigative or remedial activities upon which the issuance of the Letter was based, that pose a threat to human health or the environment;
- g) The failure to pay the No Further Remediation Assessment Fee within forty-five (45) days after receiving a request for payment from the Illinois EPA;
- h) The failure to pay in full the applicable fees under the Review and Evaluation Services Agreement within forty-five (45) days after receiving a request for payment from the Illinois EPA.
- 13) Pursuant to Section 58.10(d) of the Act, this Letter shall apply in favor of the following persons:
  - a) Bridge Development Partners;
  - b) The owner and operator of the Remediation Site;
  - c) Any parent corporation or subsidiary of the owner of the Remediation Site;
  - d) Any co-owner, either by joint-tenancy, right of survivorship, or any other party sharing a relationship with the owner of the Remediation Site;
  - e) Any holder of a beneficial interest of a land trust or inter vivos trust, whether revocable or irrevocable, involving the Remediation Site;
  - f) Any mortgagee or trustee of a deed of trust of the owner of the Remediation Site or any assignee, transferee, or any successor-in-interest thereto;
  - g) Any successor-in-interest of the owner of the Remediation Site;
  - h) Any transferee of the owner of the Remediation Site whether the transfer was by sale, bankruptcy proceeding, partition, dissolution of marriage, settlement or adjudication of any civil action, charitable gift, or bequest;
  - i) Any heir or devisee of the owner of the Remediation Site;

- j) Any financial institution, as that term is defined in Section 2 of the Illinois Banking Act and to include the Illinois Housing Development Authority, that has acquired the ownership, operation, management, or control of the Remediation Site through foreclosure or under the terms of a security interest held by the financial institution, under the terms of an extension of credit made by the financial institution, or any successor-in-interest thereto; or
- k) In the case of a fiduciary (other than a land trustee), the estate, trust estate, or other interest in property held in a fiduciary capacity, and a trustee, executor, administrator, guardian, receiver, conservator, or other person who holds the remediated site in a fiduciary capacity, or a transferee of such party.
- 14) This letter, including all attachments, must be recorded as a single instrument within forty-five (45) days of receipt with the Office of the Recorder of Cook County. For recording purposes, the Illinois EPA Site Remediation Program Environmental Notice attached to this Letter should be the first page of the instrument filed. This Letter shall not be effective until officially recorded by the Office of the Recorder of Cook County in accordance with Illinois law so that it forms a permanent part of the chain of title for the Magellan Pipeline property.
- 15) Within thirty (30) days of this Letter being recorded by the Office of the Recorder of Cook County, a certified copy of this Letter, as recorded, shall be obtained and submitted to the Illinois EPA to:

Mr. Jim Scott Illinois Environmental Protection Agency Bureau of Land/RPMS #24 1021 North Grand Avenue East Post Office Box 19276 Springfield, Illinois 62794-9276

16) In accordance with Section 58.10(g) of the Act, a No Further Remediation Assessment Fee based on the costs incurred for the Remediation Site by the Illinois EPA for review and evaluation services will be applied in addition to the fees applicable under the Review and Evaluation Services Agreement. Request for payment of the No Further Remediation Assessment Fee will be included with the billing statement.

If you have any questions regarding the Magellan Pipeline property, you may contact the Illinois EPA project manager, Andrew Catlin at 217-524-3290.

Sincerely.

Gregory W. Dunn, Manager

Remedial Project Management Section Division of Remediation Management

Bureau of Land

Attachments: Illinois EPA Site Remediation Program Environmental Notice

Site Base Map

Property Owner Certification of No Further Remediation Letter under the

Site Remediation Program Form Instructions for Filing the NFR Letter

cc: Magellan Pipeline Company, L.P.

Attn: Melanie Little

One Williams Center MD 28

Tulsa, OK 74172

**EGSL** 

Attn: Bill Lennon bill@EGSL.com

Bureau of Land File

Mr. Jim Scott

#### PREPARED BY:

Mark Houser Bridge Development Partners 1000 Irving Park Rd., Suite 150 Itasca, IL 60143

#### **RETURN TO:**

Mark Houser Bridge Development Partners 1000 Irving Park Rd., Suite 150 Itasca, IL 60143

#### THE ABOVE SPACE FOR RECORDER'S OFFICE

This Environmental No Further Remediation Letter must be submitted by the remediation applicant within 45, days of its receipt, to the Office of the Recorder of Cook County.

Illinois State EPA Number: 0310965121

Bridge Development Partners, the Remediation Applicant, whose address is 1000 Irving Park Rd., Suite 150, Itasca, IL 60143 has performed investigative and/or remedial activities for the remediation site depicted on the attached Site Base Map and identified by the following:

1. Legal description or Reference to a Plat Showing the Boundaries:

### LOT 1 - BRIDGE POINT FRANKLIN PARK SUBDIVISION LEGAL DESCRIPTION

LOT 1 IN BRIDGE POINT FRANKLIN PARK SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 25, 2018 AS DOCUMENT 1820619201, IN COOK COUNTY, ILLINOIS:

### ALSO DESCRIBED AS FOLLOWS:

THAT PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF LOT 1 IN LAPHROP STAR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 24, 1997 AS DOCUMENT 9779220 BEING ALSO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE AS DEDICATED PER DOCUMENT 17808231; THENCE ALONG THE WESTERLY LINE OF LOT 1 AND LOT 2 IN SAID LAPHROP STAR SUBDIVISION FOR THE FOLLOWING 3 COURSES: 1) THENCE SOUTH 16 DEGREES 15 MINUTES 39 SECONDS WEST, A DISTANCE OF 105.15 FEET; 2) THENCE SOUTH 36 DEGREES 51 MINUTES 19 SECONDS WEST, A DISTANCE OF 158.52 FEET; 3) THENCE SOUTH 02 DEGREES 10 MINUTES 19 SECONDS EAST, A DISTANCE OF 635.66 FEET TO THE NORTH LINE OF THE SOUTH 13 ACRES OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 27 MINUTES 38 SECONDS WEST ALONG SAID NORTH LINE, A DISTANCE OF 490.09 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 07 SECONDS EAST, A DISTANCE OF 860.53 FEET TO THE SOUTH RIGHT-OF-WAY OF SAID FRANKLIN AVENUE; THENCE NORTH 88 DEGREES 29 MINUTES 01 SECONDS EAST, A DISTANCE OF 590.53 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

CONTAINING 425,370 SOUARE FEET OR 9.765 ACRES MORE OR LESS.

### LOT 2 - BRIDGE POINT FRANKLIN PARK SUBDIVISION LEGAL DESCRIPTION

LOT 2 IN BRIDGE POINT FRANKLIN PARK SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 25, 2018 AS DOCUMENT 1820619201, IN COOK COUNTY, ILLINOIS.

#### ALSO DESCRIBED AS FOLLOWS:

THAT PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 1 IN LAPHROP STAR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 24, 1997 AS DOCUMENT 9779220 BEING ALSO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE AS DEDICATED PER DOCUMENT 17808231; THENCE SOUTH 88 DEGREES 29 MINUTES 01 SECONDS WEST ALONG SAID SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE, A DISTANCE OF 590.53 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 00 DEGREES 00 MINUTES 07 SECONDS WEST, A DISTANCE OF 860.53 FEET TO THE NORTH LINE OF THE SOUTH 13 ACRES OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 27 MINUTES 38 SECONDS WEST ALONG SAID NORTH LINE, A DISTANCE OF 27.35 FEET TO THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SOUTHEAST QUARTER AS MONUMENTED AND OCCUPIED: THENCE SOUTH 02 DEGREES 03 MINUTES 52 SECONDS EAST ALONG SAID WEST LINE, A DISTANCE OF 428.55 FEET TO SOUTH LINE OF SAID SOUTHEAST OUARTER BEING ALSO THE NORTH RIGHT-OF-WAY OF BELMONT AVENUE AS MONUMENTED AND OCCUPIED: THENCE SOUTH 88 DEGREES 30 MINUTES 32 SECONDS WEST ALONG SAID SOUTH LINE, A DISTANCE OF 634.11 FEET; THENCE NORTH 00 DEGREES 31 MINUTES 23 SECONDS WEST, A DISTANCE OF 45.45 FEET TO A TANGENT CURVE; THENCE NORTHERLY ALONG SAID TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 67.50 FEET SUBTENDING A CHORD BEARING NORTH 05 DEGREES 57 MINUTES 57 SECONDS WEST, AN ARC DISTANCE OF 15.29 FEET TO A RADIAL CURVE; THENCE NORTHERLY ALONG SAID RADIAL CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 169.00 FEET SUBTENDING A CHORD BEARING NORTH 22 DEGREES 07 MINUTES 47 SECONDS EAST, AN ARC DISTANCE OF 57.07 FEET TO A POINT OF REVERSE CURVATURE; THENCE NORTHERLY ALONG SAID REVERSE CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 243.00 FEET SUBTENDING A CHORD BEARING NORTH 15 DEGREES 54 MINUTES 09 SECONDS EAST, AN ARC DISTANCE OF 134.89 FEET TO A TANGENT LINE; THENCE NORTH 00 DEGREES 00 MINUTES 02 SECONDS EAST, A DISTANCE OF 1066.47 FEET; THENCE NORTH 89 DEGREES 09 MINUTES 32 SECONDS EAST. A DISTANCE OF 365.93 FEET TO SAID SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE BEING A POINT ON A CURVE: THENCE EASTERLY ALONG SAID CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 1519.41 FEET SUBTENDING A CHORD BEARING SOUTH 87 DEGREES 46 MINUTES 27 SECONDS EAST, AN ARC DISTANCE OF 198.49 FEET TO A TANGENT LINE; THENCE NORTH 88 DEGREES 29 MINUTES 01 SECONDS EAST ALONG SAID TANGENT LINE BEING ALSO SAID SOUTHERLY RIGHT-OF-WAY LINE OF FRANKLIN AVENUE, A DISTANCE OF 22.67 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

CONTAINING 761,961 SQUARE FEET OR 17.492 ACRES MORE OR LESS.

### LOT 3 - BRIDGE POINT FRANKLIN PARK SUBDIVISION LEGAL DESCRIPTION

LOT 3 IN BRIDGE POINT FRANKLIN PARK SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 25, 2018 AS DOCUMENT 1820619201, IN COOK COUNTY, ILLINOIS.

#### ALSO DESCRIBED AS FOLLOWS:

THAT PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 1 IN LAPHROP STAR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 24, 1997 AS DOCUMENT 9779220 BEING ALSO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE AS DEDICATED PER DOCUMENT 17808231: THENCE

SOUTH 88 DEGREES 29 MINUTES 01 SECONDS WEST ALONG SAID SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE, A DISTANCE OF 613.20 FEET TO A POINT OF CURVATURE; THENCE WESTERLY ALONG SAID CURVE BEING THE SAID SOUTHERLY RIGHT-OF WAY CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 1519.41 FEET SUBTENDING A CHORD BEARING NORTH 87 DEGREES 46 MINUTES 27 SECONDS WEST, AN ARC DISTANCE OF 198.49 FEET TO A NON-TANGENT LINE; THENCE SOUTH 89 DEGREES 09 MINUTES 32 SECONDS WEST, A DISTANCE OF 365.93 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 00 DEGREES 00 MINUTES 02 SECONDS WEST, A DISTANCE OF 1066.47 FEET TO A TANGENT CURVE; THENCE SOUTHERLY ALONG SAID TANGENT CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 243.00 FEET SUBTENDING A CHORD BEARING SOUTH 15 DEGREES 54 MINUTES 09 SECONDS WEST, AN ARC DISTANCE OF 134.89 FEET TO A REVERSE CURVE; THENCE SOUTHERLY ALONG SAID REVERSE CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 169.00 FEET SUBTENDING A CHORD BEARING SOUTH 22 DEGREES 07 MINUTES 47 SECONDS WEST, AN ARC DISTANCE OF 57.07 FEET TO A COMPOUND CURVE; THENCE SOUTHERLY ALONG SAID COMPOUND CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 67.50 FEET SUBTENDING A CHORD BEARING SOUTH 05 DEGREES 57 MINUTES 57 SECONDS WEST, AN ARC DISTANCE OF 15.29 FEET TO A TANGENT LINE; THENCE SOUTH 00 DEGREES 31 MINUTES 35 SECONDS EAST, A DISTANCE OF 45.45 FEET TO THE SOUTH LINE OF SAID SOUTHEAST QUARTER BEING ALSO THE NORTH RIGHT-OF-WAY OF BELMONT AVENUE AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 30 MINUTES 32 SECONDS WEST ALONG SAID SOUTH LINE, A DISTANCE OF 319.67 FEET; THENCE NORTH 61 DEGREES 01 MINUTES 35 SECONDS WEST, A DISTANCE OF 65.09 FEET; THENCE NORTH 50 DEGREES 48 MINUTES 22 SECONDS WEST, A DISTANCE OF. 88.95 FEET; THENCE NORTH 02 DEGREES 44 MINUTES 51 SECONDS WEST, A DISTANCE OF 158.10 FEET; THENCE NORTH 07 DEGREES 18 MINUTES 42 SECONDS WEST, A DISTANCE OF 105.65 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 07 SECONDS EAST, A DISTANCE OF 237.29 FEET TO A TANGENT CURVE; THENCE NORTHWESTERLY ALONG SAID CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 18.50 FEET SUBTENDING A CHORD BEARING NORTH 44 DEGREES 59 MINUTES 53 SECONDS WEST, AN ARC DISTANCE OF 29.06 FEET TO A TANGENT LINE; THENCE NORTH 89 DEGREES 59 MINUTES 53 SECONDS WEST, A DISTANCE OF 36.48 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS WEST, A DISTANCE OF 701.33 FEET; THENCE NORTH 89 DEGREES 09 MINUTES 32 SECONDS EAST, A DISTANCE OF 580.56 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

CONTAINING 708,485 SQUARE FEET OR 16.265 ACRES MORE OR LESS.

#### OUTLOT A - BRIDGE POINT FRANKLIN PARK SUBDIVISION LEGAL DESCRIPTION

OUTLOT A IN BRIDGE POINT FRANKLIN PARK SUBDIVISION, BEING A SUBDIVISION OF PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 25, 2018 AS DOCUMENT 1820619201, IN COOK COUNTY, ILLINOIS.

#### ALSO DESCRIBED AS FOLLOWS:

THAT PART OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 20, TOWNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 1 IN LAPHROP STAR SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 24, 1997 AS DOCUMENT 9779220 BEING ALSO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE AS DEDICATED PER DOCUMENT 17808231; THENCE SOUTH 88 DEGREES 29 MINUTES 01 SECONDS WEST ALONG SAID SOUTHERLY RIGHT-OF-WAY OF FRANKLIN AVENUE, A DISTANCE OF 613.20 FEET TO A POINT OF CURVATURE, THENCE WESTERLY ALONG SAID CURVE BEING THE SAID SOUTHERLY RIGHT-OF WAY CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 1519.41 FEET SUBTENDING A CHORD BEARING NORTH 87 DEGREES 46 MINUTES 27 SECONDS WEST, AN ARC DISTANCE OF 198.49 FEET TO A NON-TANGENT LINE; THENCE SOUTH 89 DEGREES 09 MINUTES 32 SECONDS WEST, A DISTANCE OF 942.49 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST, A DISTANCE OF 701.33 FEET; THENCE SOUTH 89 DEGREES 59 MINUTES 53 SECONDS EAST, A DISTANCE OF 32.48 FEET TO A TANGENT CURVE; THENCE SOUTHEASTERLY ALONG SAID CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 18.50 FEET SUBTENDING A CHORD BEARING SOUTH 44 DEGREES 59 MINUTES 53 SECONDS EAST, AN ARC DISTANCE OF 29.06 FEET TO A TANGENT LINE; THENCE SOUTH 00 DEGREES 00 MINUTES 07 SECONDS WEST, A DISTANCE OF 237.29 FEET; THENCE SOUTH 07 DEGREES 18 MINUTES 42 SECONDS EAST, A DISTANCE OF 105.65 FEET; THENCE SOUTH 02 DEGREES 44 MINUTES 51 SECONDS EAST, A DISTANCE OF 158.10 FEET; THENCE SOUTH 50 DEGREES 48 MINUTES 22 SECONDS EAST, A DISTANCE OF 88.95 FEET; THENCE SOUTH 61 DEGREES 01 MINUTES 35 SECONDS EAST, A DISTANCE OF 65.09 FEET TO THE SOUTH LINE OF SAID

SOUTHEAST QUARTER BEING ALSO THE NORTH RIGHT-OF-WAY OF BELMONT AVENUE AS MONUMENTED AND OCCUPIED; THENCE SOUTH 88 DEGREES 30 MINUTES 32 SECONDS WEST ALONG SAID SOUTH LINE, A DISTANCE OF 100.00 FEET TO A NON-TANGENT CURVE; THENCE NORTHWESTERLY ALONG A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 397.78 FEET SUBTENDING A CHORD BEARING NORTH 54 DEGREES 16 MINUTES 44 SECONDS WEST, AN ARC DISTANCE OF 141.99 FEET TO A NON-TANGENT LINE; THENCE NORTH 40 DEGREES 40 MINUTES 30 SECONDS WEST, A DISTANCE OF 78.95 FEET TO A NON-TANGENT CURE; THENCE NORTHERLY ALONG SAID CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 553.70 FEET SUBTENDING A CHORD BEARING NORTH 16 DEGREES 22 MINUTES 04 SECONDS WEST, AN ARC DISTANCE OF 274.18 FEET TO A NON-TANGENT LINE; THENCE NORTH 02 DEGREES 10 MINUTES 11 SECONDS WEST, A DISTANCE OF 555.95 FEET TO A NON-TANGENT CURVE; THENCE NORTHEASTERLY ALONG SAID CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 439.28 FEET SUBTENDING A CHORD BEARING NORTH 23 DEGREES 44 MINUTES 52 SECONDS EAST, AN ARC DISTANCE OF 397.79 FEET TO A NON-TANGENT LINE; THENCE NORTH 89 DEGREES 09 MINUTES 32 SECONDS EAST, A DISTANCE OF 0.97 FEET TO THE POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

CONTAINING 198,040 SQUARE FEET 4.546 ACRES MORE OR LESS.

2. Common Address: 10601 Franklin Avenue, Franklin Park, IL

3. Real Estate Tax Index/Parcel Index Number: 12-20-401-020

4. Remediation Site Owner: Magellan Pipeline Company, L.P.

One Williams Center MD 28

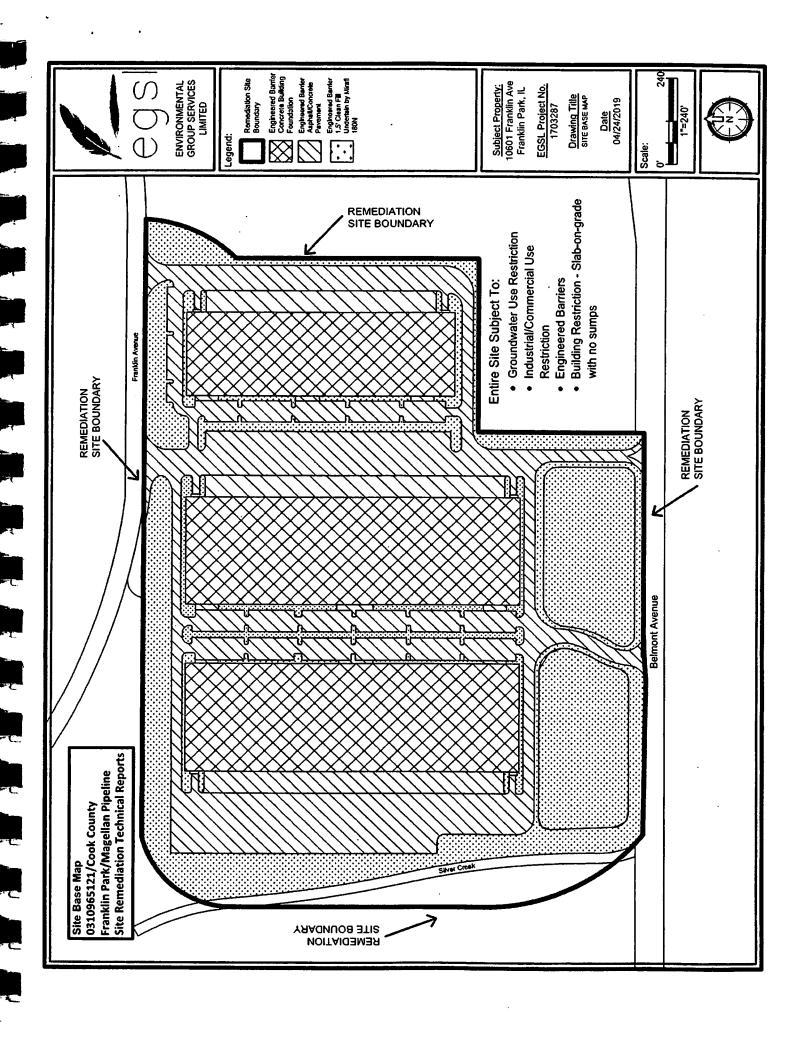
Tulsa, OK 74172

5. Land Use: Industrial/Commercial

6. Site Investigation: Comprehensive

See NFR letter for other terms.

(Illinois EPA Site Remediation Program Environmental Notice)



# PROPERTY OWNER CERTIFICATION OF THE NFR LETTER UNDER THE SITE REMEDIATION PROGRAM

Where the Remediation Applicant (RA) is not the sole owner of the remediation site, the RA shall obtain the certification by original signature of each owner, or authorized agent of the owner(s), of the remediation site or any portion thereof who is not an RA. The property owner(s), or the duly authorized agent of the owner(s) must certify, by original signature, the statement appearing below. This certification shall be recorded in accordance with Illinois Administrative Code 740.620.

Include the full legal name, title, the company, the street address, the city, the state, the ZIP code, and the telephone number of all other property owners. Include the site name, street address, city, ZIP code, county, Illinois inventory identification number and real estate tax index/parcel index number.

A duly authorized agent means a person who is authorized by written consent or by law to act on behalf of a property owner including, but not limited to:

- For corporations, a principal executive officer of at least the level of vicepresident;
- 2. For a sole proprietorship or partnership, the proprietor or a general partner, respectively; and
- For a municipality, state or other public agency, the head of the agency or ranking elected official.

For multiple property owners, attach additional sheets containing the information described above, along with a signed, dated certification for each. All property owner certifications must be recorded along with the attached NFR letter.

|   | Pi         | roperty Owner Inform | mation  |
|---|------------|----------------------|---|
| Owner's Name:   |            |                      |   |
| Title:  |            |                      |   |
| Company:  |            |                      |   |
| Street Address:   |            |                      |   |
| City:   | State:     | Zip Code:            | Phone:  |
|   |            | Site Information     | •   |
| Site Name:  |            |                      |   |
| Site Address:   |            |                      |   |
| City:   | State:     | Zip Code:            | County:   |
| Illinois inventory identification                               | on number: |                      |   |
| Real Estate Tax Index/Parcel                                    | Index No.  |                      |   |
|   |            |                      |   |
| I hereby certify that I have re<br>and any land use limitations |            |                      | ation Letter and that I accept the terms and conditions |
| Owner's Signature:  |            |                      | Date:   |
| SUBSCRIBED AND SWORN TO I                                       |            |                      |   |
|   | •          |                      |   |
| Notary Public   |            | •                    |   |

The Illinois EPA is authorized to require this information under Sections 415 ILCS 5/58 - 58.12 of the Environmental Protection Act and regulations promulgated thereunder. If the Remediation Applicant is not also the sole owner of the remediation site, this form must be completed by all owners of the remediation site and recorded with the NFR Letter. Failure to do so may void the NFR Letter. This form has been approved by the Forms Management Center. All information submitted to the Site Remediation Program is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines.

### Notice to Remediation Applicant

Please follow these instructions when filing the NFR letter with the County Recorder's Office

#### Instructions for Filing the NFR Letter

The following documents must be filed:

- A. Body of the NFR Letter (contains appropriate terms and conditions, tables, etc.)
- B. Attachments to NFR letter
- Illinois EPA Site Remediation Program Environmental Notice (Legal Description and PIN of property)
- Maps of the site
- Table A: Regulated Substances of Concern (if applicable.)
- Property Owner Certification
- C. A copy of the ordinance, if applicable, used to address groundwater contamination
- 1. Place the Illinois EPA Site Remediation Program Environmental Notice on top of the NFR prior to giving it to the Recorder.
- 2. If you are not the owner (record title holder) of the property on the date of filing of this NFR, you must attach a **completed** owner's certification form signed by the owner of the property at the time of filing (e.g., if the property recently sold, the new owner must sign).
- 3. If any of the terms and conditions of the NFR letter references a groundwater ordinance, you must record a copy of the groundwater ordinance with the NFR letter.
- 4. If any of the terms and conditions of the NFR letter references a highway agreement, you must record the highway agreement if specifically required by the municipality granting the agreement, the County or the Illinois Department of Transportation.
- 5. Within thirty (30) days of this NFR Letter being recorded by the Office of the Recorder of the County in which the property is located, a certified copy of this Letter, as recorded, shall be obtained and submitted to the Illinois EPA to:

Jim Scott
Illinois Environmental Protection Agency
Bureau of Land/RPMS
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

6. Remove this page from the NFR letter, prior to recording.

If you have any questions call (217) 524-6940 and speak with the "project manager on-call" in the Site Remediation Program.

| 40   | U.S. Postal Savice"<br>GERTIFIED MAIL® REC<br>Comestic Mail Only   | 24 egg                                  |
|------|--|---|
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|      | Return Receipt (electronic)  | Postmerk                                |
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| 9    | Bridge Development Partners  |   |
| 701  | Attn: Mark Houser  | *************************************** |
| ۳-   | 1000 Irving Park Rd., Suite 150  | ••••••                                  |
| u    | Itasca, Illinois 60143   |   |
| Š    | 365131   | _                                       |
|      |  |   |

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Print your name and address on the reverse
- so that we can return the card to you. ■ Attach this card to the back of the mailpiece,
- or on the front if space permits. 1. Article Addressed to:

**Bridge Development Partners** Attn: Mark Houser 1000 Irving Park Rd., Suite 150

Itasca, Illinois 60143



9590 9402 3341 7227 8478 93

### COMPLETE THIS SECTION ON DELIVERY

□ Agent

□ Addressee B. Received by (Printed Name) Date of Delivery MARK C-4RISTENSON

☐ Yes D. Is delivery address different from item 1?

If YES, enter delivery address below:

3. Service Type

□ Adult Signature

SCCertified Mail®

□ Insured Mail

(over \$500)

☐ Collect on Delivery

☐ Adult Signature Restricted Delivery

☐ Collect on Delivery Restricted Delivery

☐ Certified Mall Restricted Delivery

☐ Insured Mail Restricted Delivery

☐ Priority Mall Express®

☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Return Receipt for Merchandise

☐ Signature Confirmation™

□ Signature Confirmation **Restricted Delivery** 

PS Form 3811, July 2015 PSN 7530-02-000-9053

2. Article Number (Transfer from service label)

**Domestic Return Receipt** 

Postal Service

Sender: Please print your name, address, and Zillinois Environmental

Protection Agency

P.O. Box 19276 – Mail Code 24 Springfield, IL 62794-9276

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